

NATIONAL OCEANOGRAPHIC DATA CENTER

# progress report

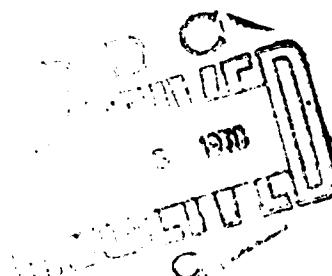
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ENVIRONMENTAL DATA FROM  
AN/SMT-1 NOMAD N3S  
GULF OF MEXICO  
1968

Project SEA SENSE

by

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P-97, September 1970

#### ACKNOWLEDGMENTS

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PREFACE

This report, submitted by the National Oceanographic Data Center (NODC), is one of a series of documents on Project SEA SENSE, which is supported by the Meteorological Division of the Naval Air Systems Command (NASC).

Project SEA SENSE is concerned with the evaluation of environmental observing and reporting performed by Navy buoys. It is hoped that these evaluations will encourage naval engineers and planners to take proper action to improve the existing system for reporting environmental data essential to naval operations.

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## INTRODUCTION

The purpose of this report is to display, in climatic form, environmental data collected from one of many Navy operated unmanned marine automatic buoys, the AN/SMT-1 NOMAD (Navy Oceanographic Meteorological Automatic Device) N3S. During 1968, NOMAD N3S was located in the Central Gulf of Mexico at 25.1°N. and 89.9°W, where the water depth is approximately 11,000 feet.

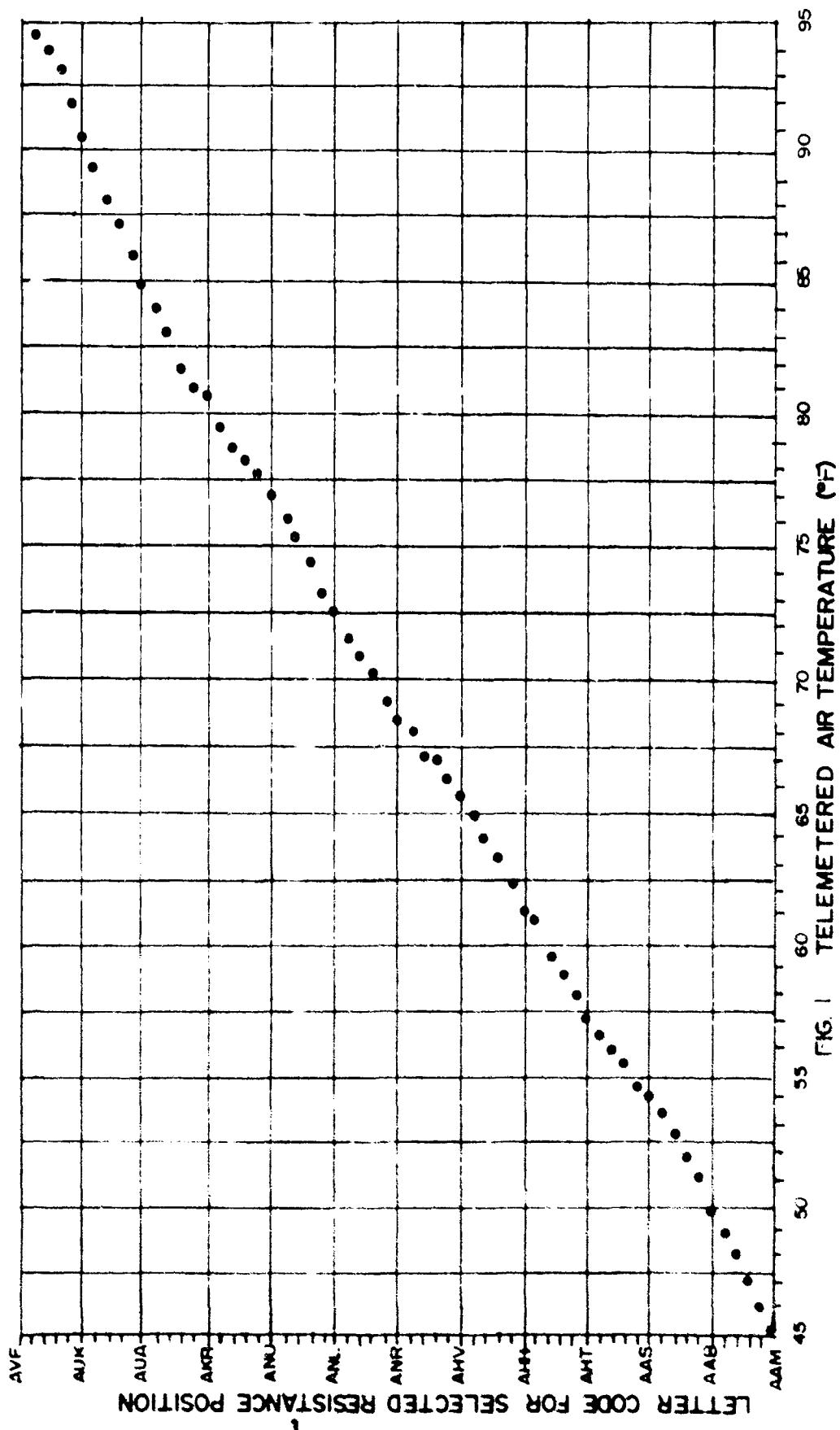
Previous reports on the Navy's oceanographic/meteorological buoys consisted of a display of data from several buoys and an evaluation of those data. The recent increase in the number of buoys has now made available a large mass of data from many locations. When collected, graphically displayed, and evaluated in a report, these data resulted in a large document as shown in Marcus (1). In order to keep the size of these documents at a minimum, Project SEA SENSE reports will now be submitted in two categories: (1) display of buoy data in atlas form; and (2) an evaluation of reliability and effectiveness of the buoy as an observation and reporting system.

#### DISCUSSION OF DATA

The NOMAD N3S radio signals were monitored by the FCC stations at Fort Lauderdale, Florida, and Kingsville, Texas. One or both stations were able to clearly copy the NOMAD signals most of the time. The redundancy of two monitoring stations made it possible to record a very high percentage of NOMAD broadcasts due to each FCC station independently reporting a high percentage of the transmissions.

The N3S buoy transmitted observed environmental data via a 5340-kHz. HF radio link. At preset periodic times the following five interface parameters were observed and transmitted: air temperature, surface water temperature, barometric pressure, wind speed, and wind direction. The observations were programmed to be transmitted every 3 hours in groups of dots and dashes for equivalent letters in the Continental Code. The letter codes were then converted to numerical values by use of a calibration chart designed for each sensor.

The numerical values of the five observed parameters were reported by buoy N3S in the following units: air and water temperatures in degrees Fahrenheit ( $^{\circ}$ F.), barometric pressure in millibars (mb.), wind speed in knots (kn.), wind direction in magnetic north degrees. The calibration charts, figures 1 through 5, show the number of fixed resistance positions for the code selector reporting the five environmental (observation) parameters at specific values.



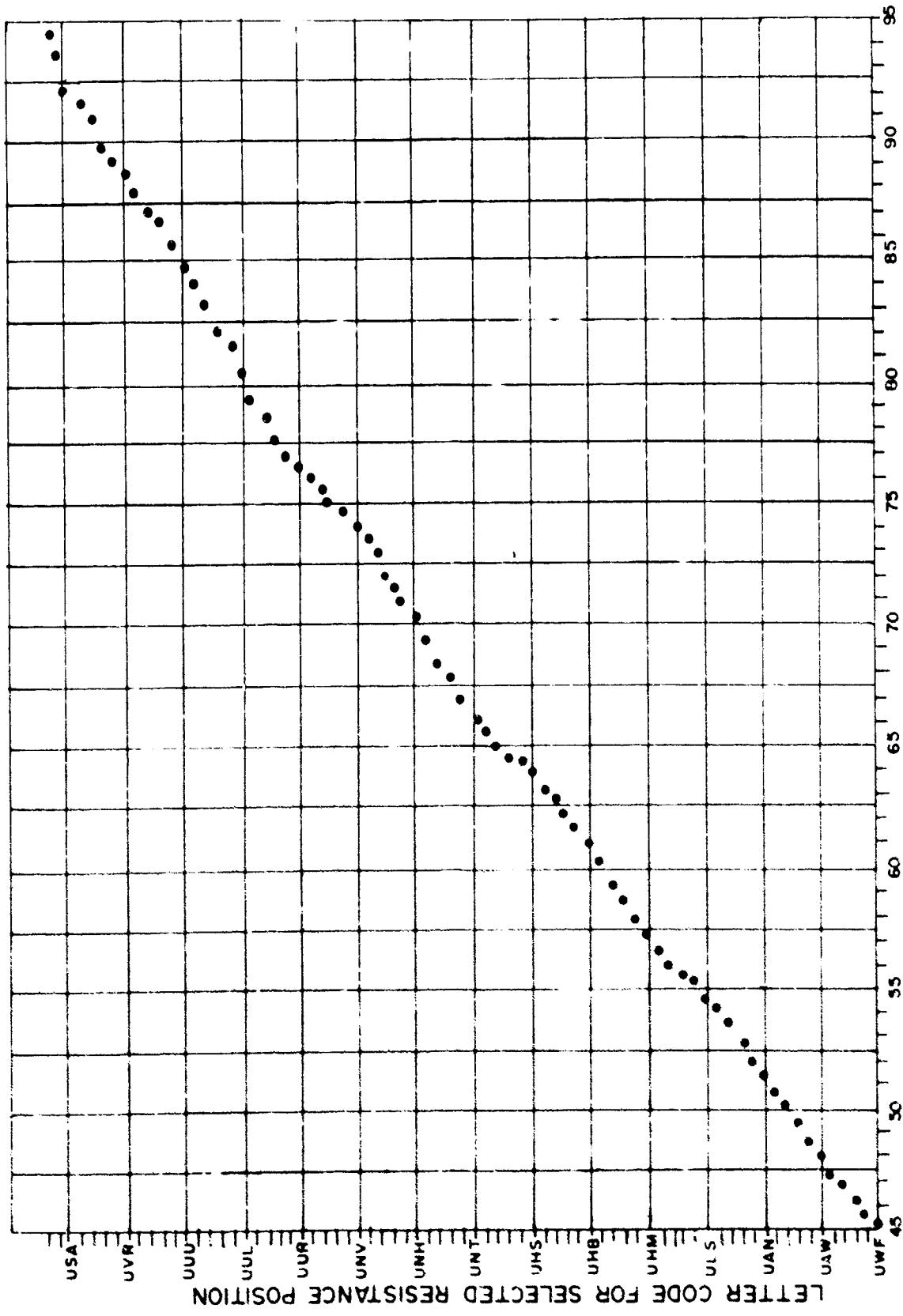


FIG. 2 TELEMETERED WATER TEMPERATURE (°F)

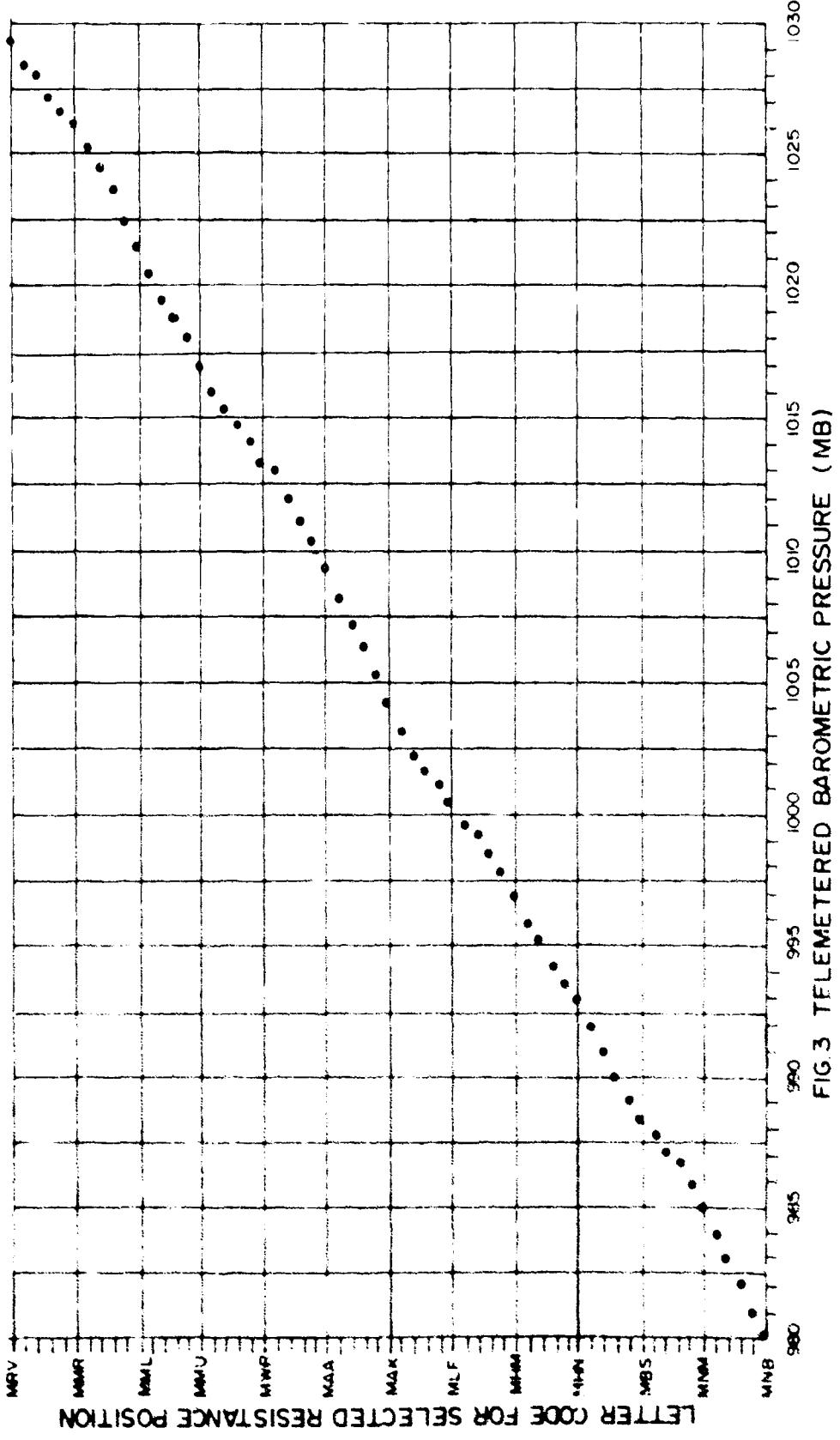


FIG. 3 TELEMETERED BAROMETRIC PRESSURE (MB)

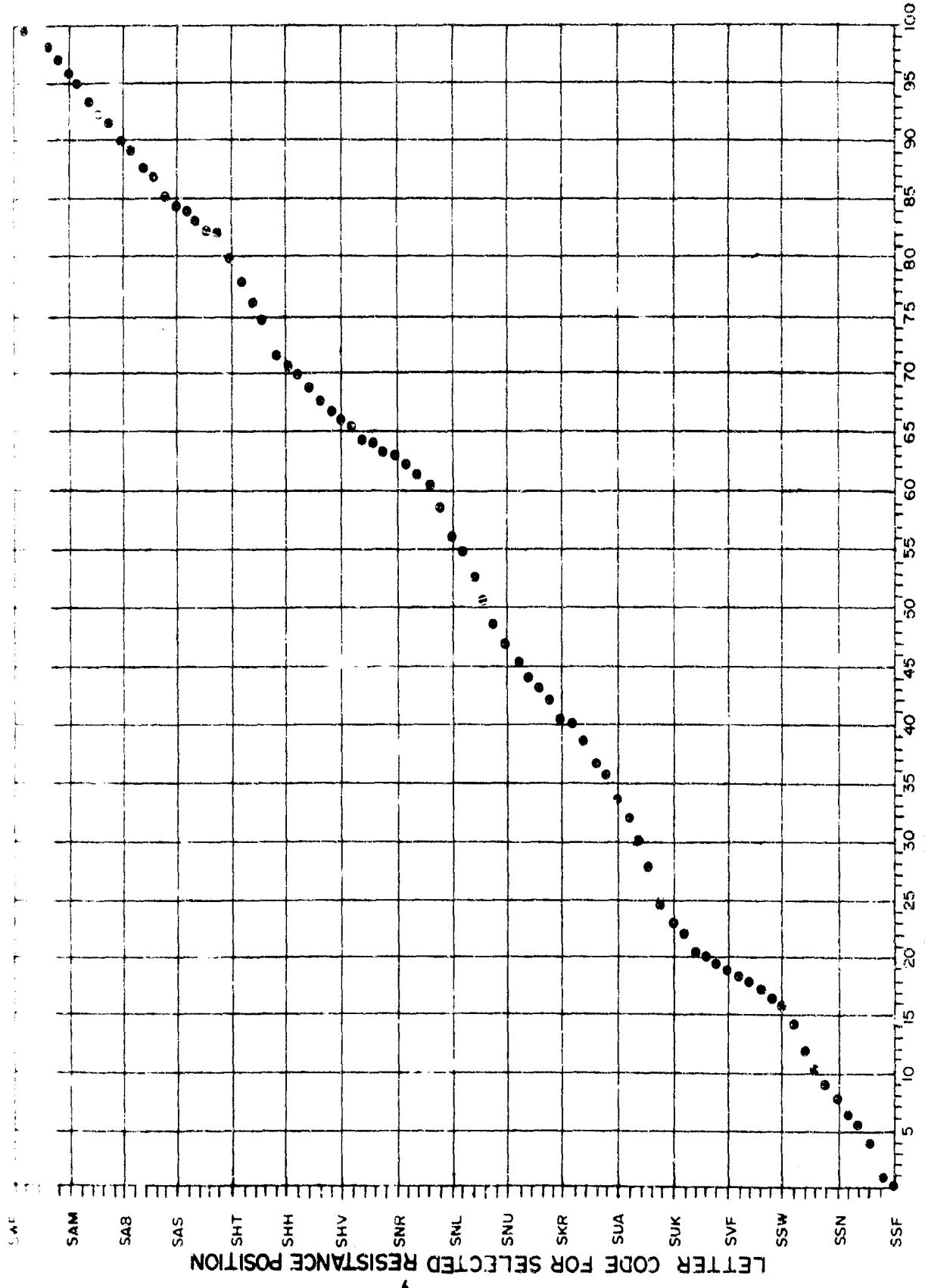


FIG. 4 TELEMETERED WIND SPEED (KN)

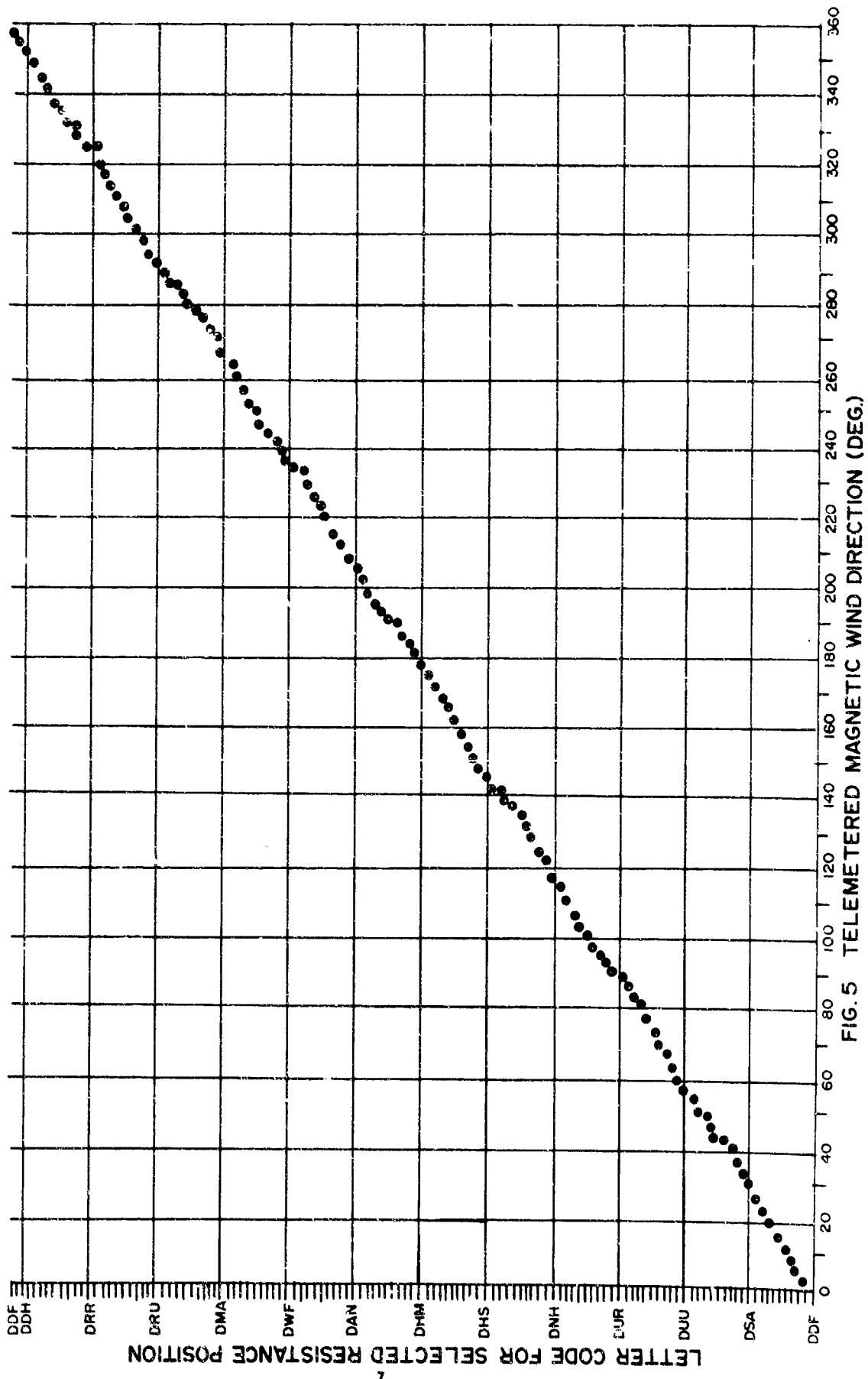


FIG. 5 TELEMETERED MAGNETIC WIND DIRECTION (DEG.)

Air and water temperatures are measured by thermistor sensors with a high negative temperature coefficient. Barometric pressure is converted to a resistance value by clamping the conductive pointer of an aneroid barometer to a circular resistance strip at the moment of sensing. Similar methods are used to sense wind speed and direction; speed is measured by a tachometer driven by a three-cup anemometer and direction is determined as a position on a magnetic pointer.

The resistance values supplied by these transducers are switched in a fixed sequence into a self-balancing bridge. When balanced, the bridge controls a selector and code generator which then translates transducer resistance into letter terms of the Continental Code. The generator then keys a pulse-modulated transmitter for the signal's transmission.

NOMAD buoys were developed as an aid to Fleet operations, not as a tool for research. As such, their design accuracy criteria are somewhat coarse, even though the sensors are quite accurate. The coarse accuracy is due to restriction in the selection of resistance points that measure environmental conditions. Table 1 shows the height of the various sensors above and below the sea surface, the accuracy of the sensors, and the telemetered accuracy of the final reported observations.

Table 1. NOMAD N3S Sensor System\*

Sensor	Height of Sensor**	Sensor Accuracy	Telemetered Accuracy
Air temperature	+7.0 ft.	$\pm 0.5^{\circ}\text{F}$ .	$\pm 1.0^{\circ}\text{F}$ .
Water temperature	-2.0 ft.	$\pm 0.5^{\circ}\text{F}$ .	$\pm 1.0^{\circ}\text{F}$ .
Barometric pressure	+7.5 ft.	$\pm 0.5 \text{ mb}$ .	$\pm 1.0 \text{ mb}$ .
Wind direction	+11.0 ft.	$\pm 5.0^{\circ}$	$\pm 7.0^{\circ}$
Wind speed: 5-30 kn.	+11.0 ft.	$\pm 2.0 \text{ kn}$ .	$\pm 3.0 \text{ kn}$ .
>30 kn.	+11.0 ft.	$\pm 4.0 \text{ kn}$ .	$\pm 5.0 \text{ kn}$ .

\*See: Mottern, Corwin & Pyle (2); Marcus and Grossman (3); and MIL SPEC AN/SMT-1 (4).

\*\*Relative to mean sea surface.

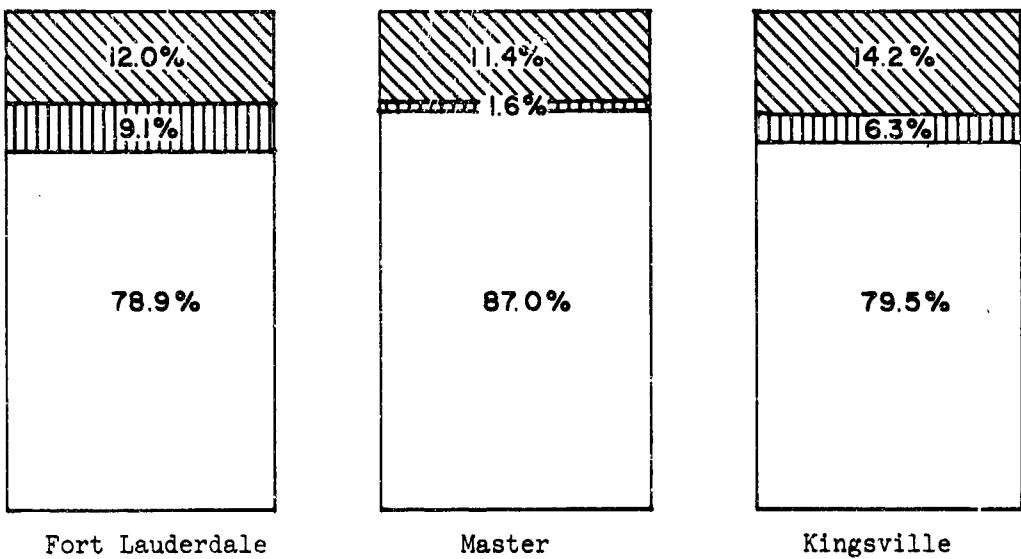
The processing of N3S 1968 transmissions received on the two FCC monitoring stations' log sheets consisted of manual conversion of the alphabet code to a numerical form. No attempt was made to modify or alter the FCC data. The two FCC data logs were examined and combined to produce a master set of 1968 N3S observations. From an objective approach, these data are as complete and accurate as possible. The five observation parameters are depicted as time-series displays in Appendix A. Data from each FCC station were evaluated independently, and a quality control check was made of each observation so that the station reporting the most valid observation was used in developing the time-series array.

There are several ways in which errors could be introduced into the N3S data file. The errors may be caused by sensor malfunction, low power output during the N3S HF radio transmissions, electrical and/or atmospheric interference, radio signal receiving operators, personnel manually decoding the alphabet letter code to numbers, and keypunch operators.

Errors in all parameters were kept to a bare minimum by double-checking of the various formats and data processing. Most of the errors can be attributed to the low signal strength of buoy transmissions and electrical interference that directly affect radio operator interpretations.

Figure 6 shows the percentage distribution of the 1968 NOMAD N3S reports received by the FCC Fort Lauderdale and Kingsville monitoring stations in comparison with the master (combined) report.

Table 2 depicts the monthly distribution of the 1968 NOMAD N3S master observations. An observation is defined as a value for one parameter. The percent of observations received for December 1968 was 91.4%. This low percentage resulted from sensor malfunction for the period of December 25 through 31, 1968.



Complete report--all five observation parameters received.

No report--all five observation parameters missing.

Incomplete report--any combination of one to four of the five observation parameters missing.

Note: Total possible reports for 1968--2928.

Fig. 6. Percentage Distribution of 1968 NOMAD N3S Reports

Table 2. Monthly Distribution of 1968 NOMAD N3S Master Observations

Month	Number of Observations Received	Total Possible Number of Observations	Percentage of Observations Received
January	1203	1240	97.0
February	1138	1160	98.1
March	1183	1240	95.4
April	1120	1200	93.3
May	118 <sup>4</sup>	1240	95.5
June	1138	1200	94.8
July	1178	1240	95.0
August	1168	1240	94.2
September	1163	1200	96.9
October	1201	1240	96.9
November	1162	1200	96.8
December	1133	1240	91.4

Note: Average number of observations per month--1164.3  
 Average percentage of observations per month--95.4%

The reasons for NOMAD N3S reports and/or observations being logged as not received (no report) or being incomplete in the alphabet code form are electrical disturbances and/or weak signals. The composite master data-set and individual data-sets for the Fort Lauderdale and Kingsville FCC monitoring stations are available in printout, punched card, or magnetic tape form. Figure 7 is a sample computer printout of the NOMAD buoy data on an 80-column transcript; Table 3 describes the computer printout shown in Figure 7 by columns.

<b>1</b>	<b>46</b>	<b>742235180072</b>	<b>251N0899M21</b>	<b>NOMAD</b>
680107200801N3S		715742251220059	251N0899M00	NOMAD
68010723C8C1N3S		715742261184056	251N0899M03	NOMAD
6801C8020801N3S		708742261220072	251N0899M06	NOMAD
68010805C8C1N3S		708742251184055	251N0899M09	NOMAD
680108080801N3S		715742243220110	251N0899M12	NOMAD
68010910501N3S		725742251184158	251N0899M15	NOMAD
680108140801N3S		732742243184113	251N0899M18	NOMAD
680108170801N3S		732742203184184	251N0399M21	NOMAD
6801C82000A01N3S		732742213220096	251N0899M00	NOMAD
680108230801N3S		725742213220158	251N0899M03	NOMAD
680109020801N3S		725742193175161	251N0899M06	NOMAD
680109050801N3S		742193144174	251N0899M09	NOMAD
680109080A01N3S		732742243159141	251N0899M12	NOMAD
680109110B01N3S		743742193120174	251N0899M15	NOMAD
680109140A01N3S		760742187144158	251N0899M18	NOMAD
690109170B01N3S		159144154	251N0899M21	NOMAD
680109200801N3S		760748169062152	251N0899M00	NOMAD
6801C9230801N3S		743742187009226	251N0899M03	NOMAD
68C110C20801N3S		732742178102201	251N0899M06	NOMAD
68011C050801N3S		732742169008117	251N0899M09	NOMAD
680110080801N3S		725742178144341	251N0899M12	NOMAD
680110110801N3S		725742187120032	251N0899M15	NOMAD
680110140801N3S		725742193102032	251N0899M18	NOMAD
680110170801N3S		732742178159048	251N0899M21	NOMAD
680110200801N3S		715742187077032	251N0899M00	NOMAD
680110230801N3S		708742187120036	251N0899M03	NOMAD
63C111020801N3S				

Fig. 7: Sample Card Image of 1968 NOMAD N3S Buoy Data

Table 3. Buoy Data Card Image Format

<u>Columns</u>	<u>Data Cards</u>	<u>Contents</u>
1-2		Year
3-4		Month
5-6		Day
7-10		Time (GMT)
11-12		Buoy locator
13-15		Buoy call sign
16-44		Blank
45-47		Air temperature (tenths °F.)
48-50		Water temperature (tenths °F.)
51-53		Barometric pressure (tenths mb.)
54-56		Wind speed (tenths kn.)
57-59		Wind direction (360°)
60-62		Blank
63-66		North latitude (tenths deg. for buoy position)
67-69		West longitude (tenths deg. for buoy position)
70-71		Synoptic hour nearest to buoy data time
72-75		Blank
76-80		NOMAD identification

REFERENCES

1. Marcus, S. - "Evaluation of Data Received From Navy NOMAD's and NAFI Buoys in Their Meteorological and Oceanographic Applications: 1967-1968 Data." NODC P-95, Dec. 1969.
2. Mottern, R. E., Capt., USN; E. F. Corwin; A. F. Pyle - "The Meteorological Buoy Program of the U. S. Navy." Naval Air Systems News, Vol. 1, No. 4, 1967.
3. Marcus, S. and G. Grossman - "Evaluation of Data Received From Navy NOMAD's in 1966 in Their Meteorological and Oceanographic Applications." NODC P-92, Oct. 1968.
4. Military Specification, Meteorological Station, Automatic Marine AN/SMT-1, No. MIL-W-22818A, 31 Jan. 1964.
5. U. S. Navy Marine Climatic Atlas of the World, Vol. I, North Atlantic Ocean, Chief of Naval Operations, NAVAER 50-TC-528, Nov. 1955.

## **APPENDIX A**

### 1968 NOMAD N3S Time-Series Plot

### NOMAD N3S Time-Series Plot

IBM 1401 printouts of N3S buoy data for the year 1968 are on the following pages. Some modifications to the printouts were made. The display is similar to an x-y graphical plot now being programmed for future reports. Four parameters are programmed to automatically print to the nearest unit; S represents wind speed in knots, A is air temperature in °F, W is sea water temperature in °F, and P is barometric pressure in millibars. The fifth parameter, wind direction D, is printed to the nearest 5-degree increment from True North.

The value for each parameter determines its position in the data display array. If, during an observation, one parameter should have the same position on the plot as another, the one located first on a priority list is plotted and the other is omitted. The order of priority is P, D, S, A, W. For example, P will be printed and W will not. As a result, one might be inclined to regard W as a missing parameter since it was not printed. If a parameter is actually missing, it is noted in the left margin under the "MISS" column. Lines of temperatures, wind speed and pressure were drawn to more clearly indicate actual observations, their values, and variability. Connecting lines for wind direction D were not drawn due to the great changes that occur in wind direction and the difficulties that arise in determining wind backing or veering over a 3-hour period. Wind directions are shown by flag line manually drawn in the extreme right-hand column.

A parameter listed in the "MISS" column indicates that no N3S buoy observation signals were received and no values could be assigned. The lack of signals can generally be attributed to: (1) poor radio communications, hence partial receipt of the selector code by the FCC monitoring station; (2) sensor malfunction. In case all five parameters are missing, an asterisk is printed for each parameter.

The month (MO) and day (DY) are listed in their respective columns, and the hour column represents the actual GMT observation time on a particular date.

FCC ID: 2AB4N - KINIC FTLO - KINIC

25.1 LATITUDE, 89.9 H LONGITUDE

25.1 N LATITUDE, 89.9 W LONGITUDE

EN ALGUN DÍA

25.1 LATITUDE, 89.9 LONGITUDE

The figure is a time series plot titled "TIME SERIES PLOT OF NOMAD DATA". The vertical axis on the left represents "WIND SPEED (ft/sec)" with values 0, 10, 20, 30, 40, 50, 60, 70, 80, and 90. The horizontal axis at the bottom represents time in minutes, with labels at 0, 15, 30, 45, 60, 75, 90, and 105. There are two data series: "WIND SPEED (ft/sec)" shown as a solid line with circular markers, and "WIND DIRECTION (degrees)" shown as a dashed line with square markers. The wind speed starts at 0 ft/sec at 0 minutes, peaks at approximately 25 ft/sec around 30-45 minutes, and then gradually declines to about 10 ft/sec by 105 minutes. The wind direction starts at 0 degrees at 0 minutes, fluctuates between 180 and 270 degrees until 60 minutes, and then stabilizes around 360 degrees for the remainder of the period.

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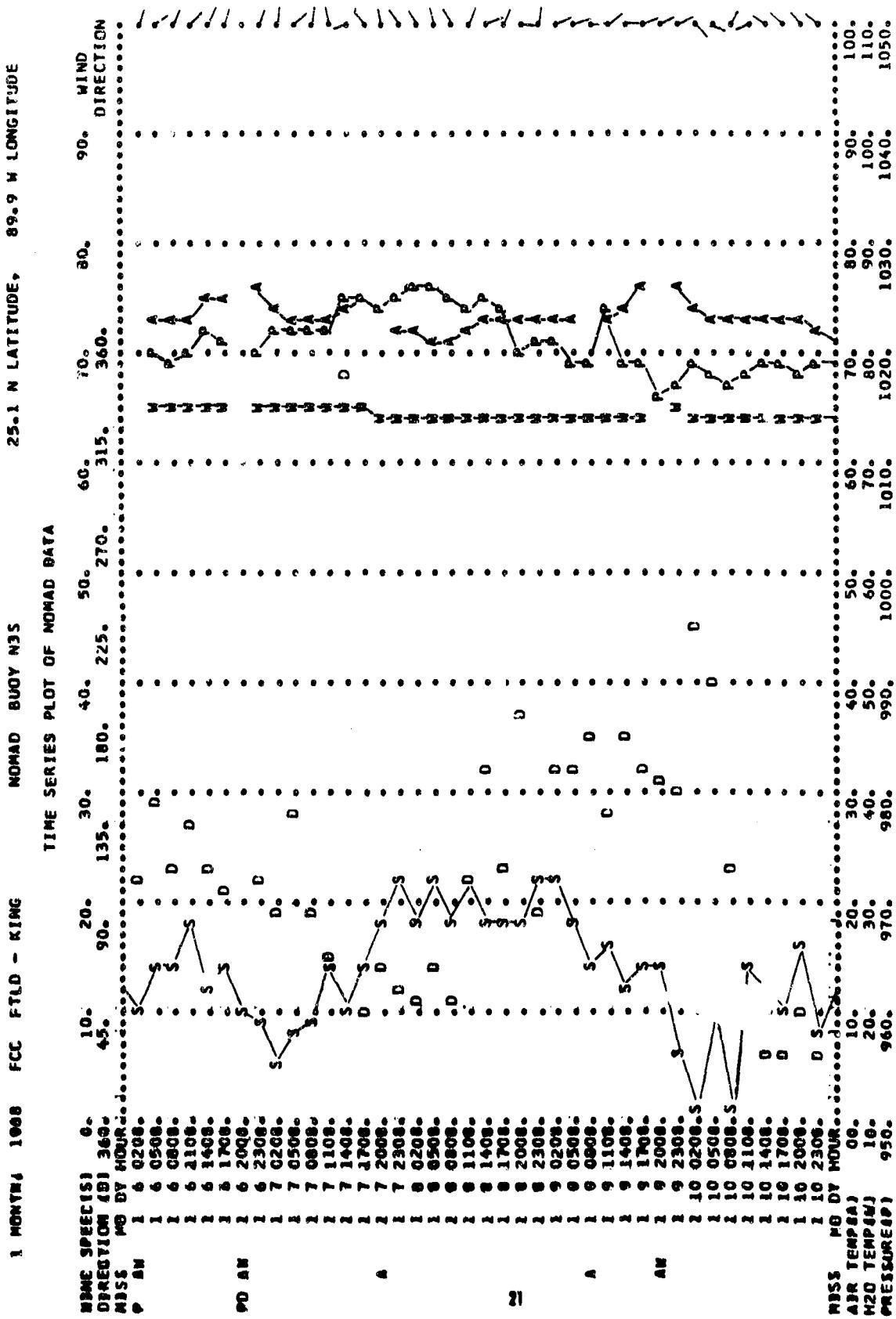
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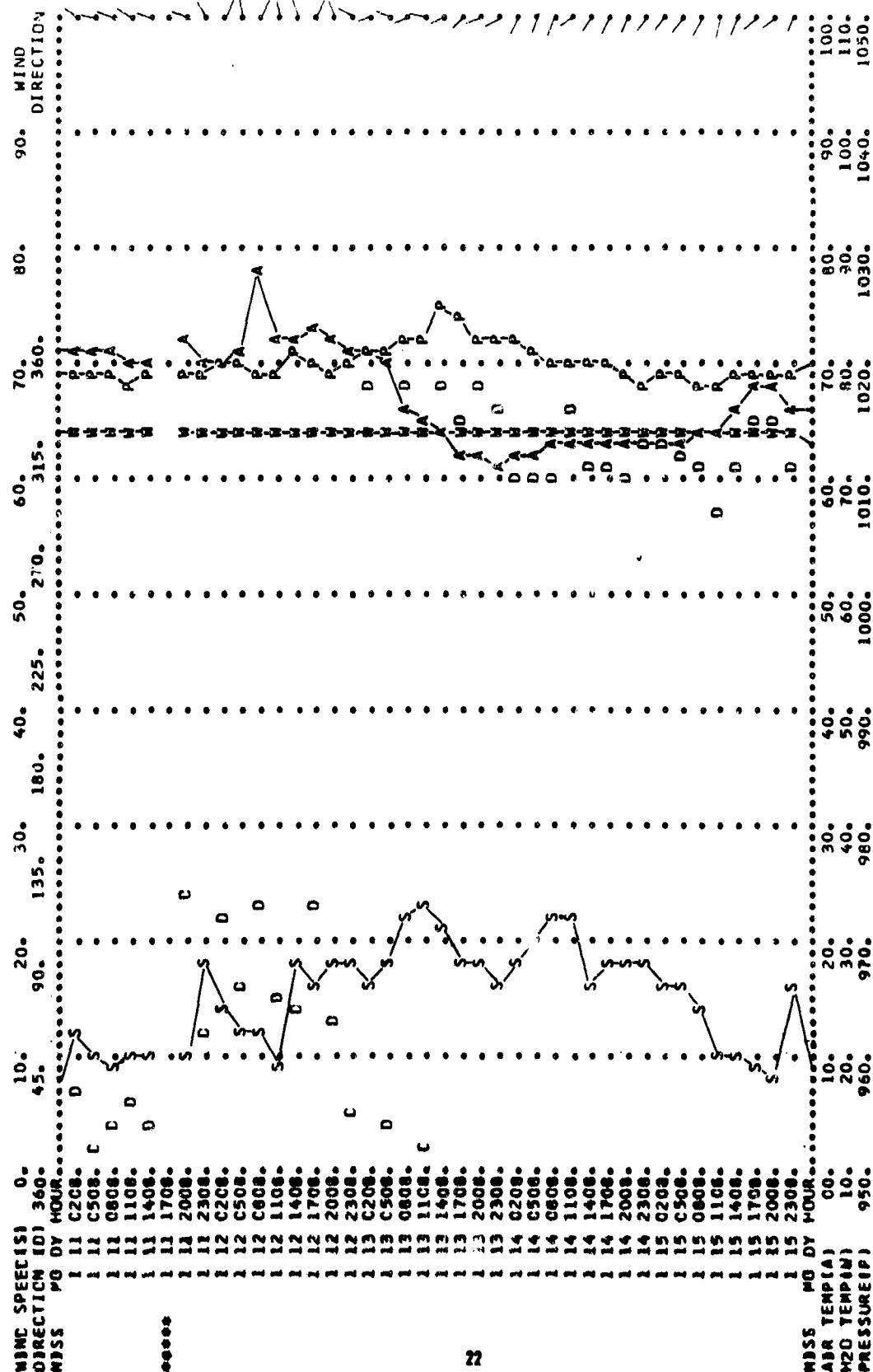
1 PATH, 1968

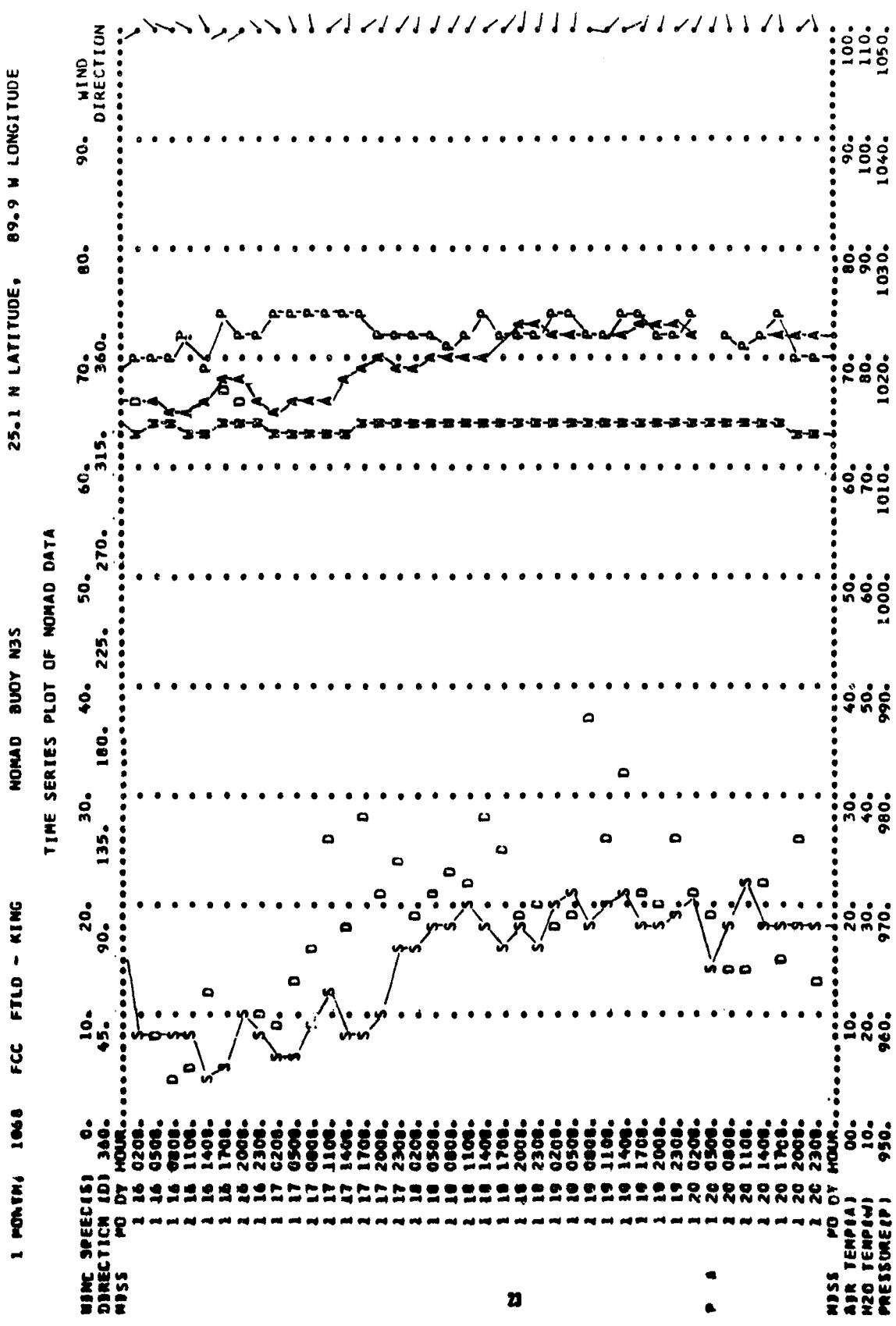
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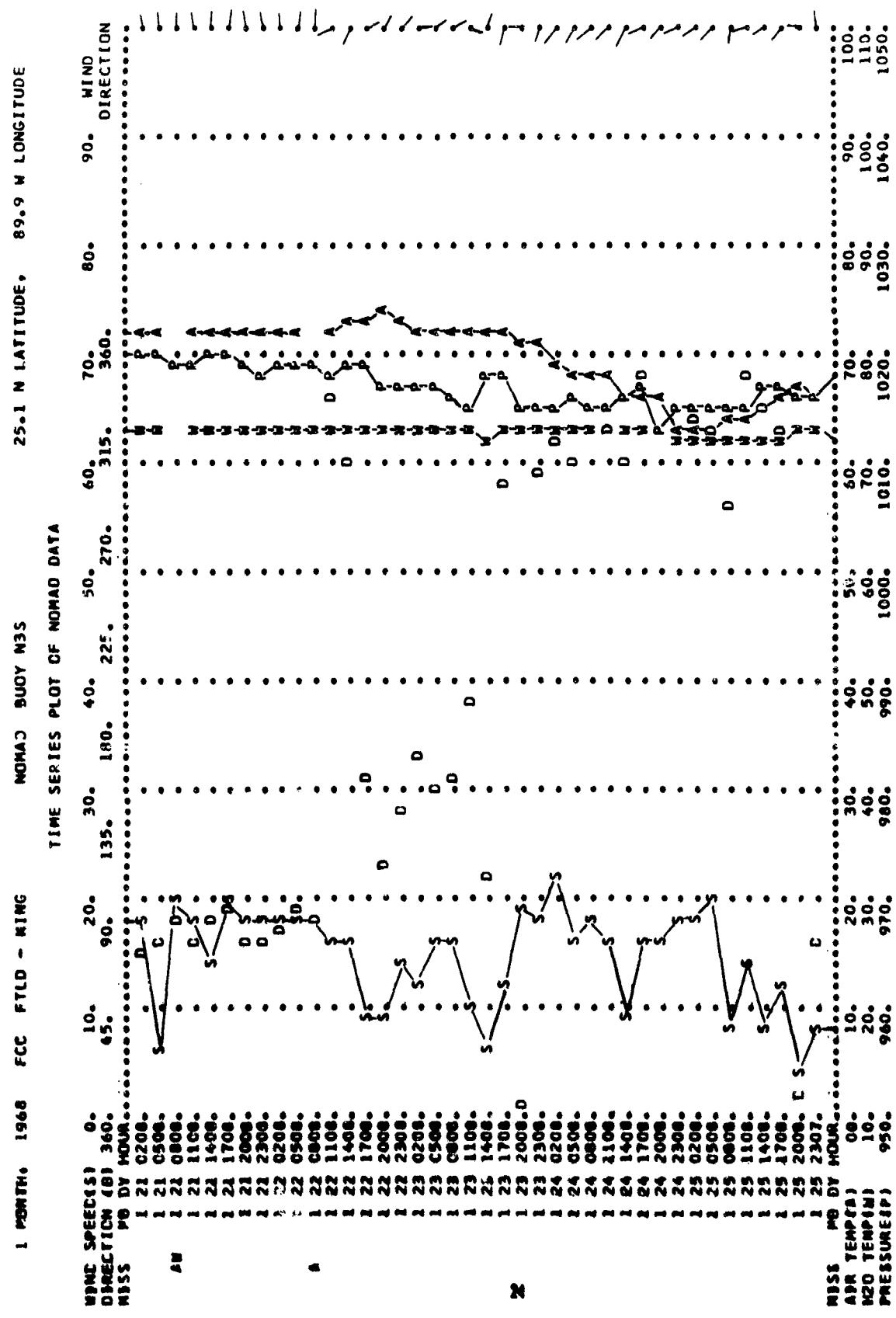
TIME SERIES PLOT OF NOMAD DATA

WIND SPEED (KTS)	0.	10.	20.	30.	40.	50.	60.
DIRECTION (DEG)	360.	45.	90.	135.	180.	225.	270.
P0 DY HOUR	.....	.....	.....	.....	.....	.....	.....
NSSS							
1 11 C208. D							
1 12 C508. C							
1 12 0808. D							
1 12 1108. D							
1 12 1408. D							
1 12 1708. *							
1 12 2008. *							
1 12 2308. *							
1 12 C208. S							
1 12 C508. D							
1 12 0808. C							
1 12 1108. C							
1 12 1408. C							
1 12 1708. C							
1 12 2008. C							
1 12 2308. C							
1 13 C208. C							
1 13 C508. D							
1 13 0808. D							
1 13 1108. C							
1 13 1408. C							
1 13 1708. C							
1 13 2008. C							
1 13 2308. C							
1 14 C208. C							
1 14 C508. D							
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1 14 1108. C							
1 14 1408. C							
1 14 1708. C							
1 14 2008. C							
1 14 2308. C							
1 15 C208. C							
1 15 C508. D							
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1 15 2308. C							

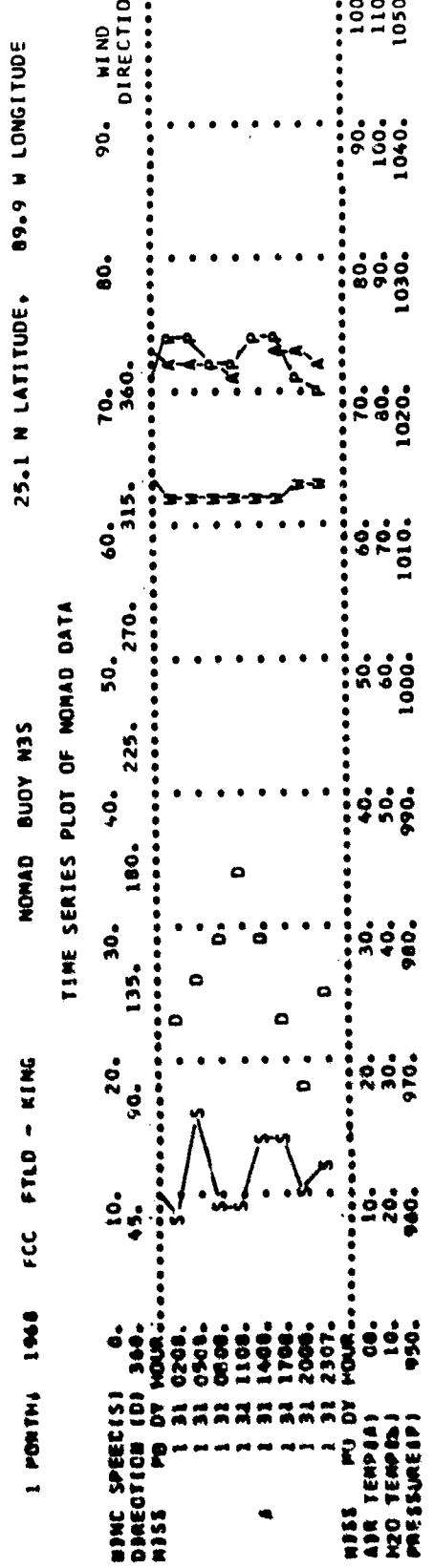
25.1 N LATITUDE, 89.9 W LONGITUDE

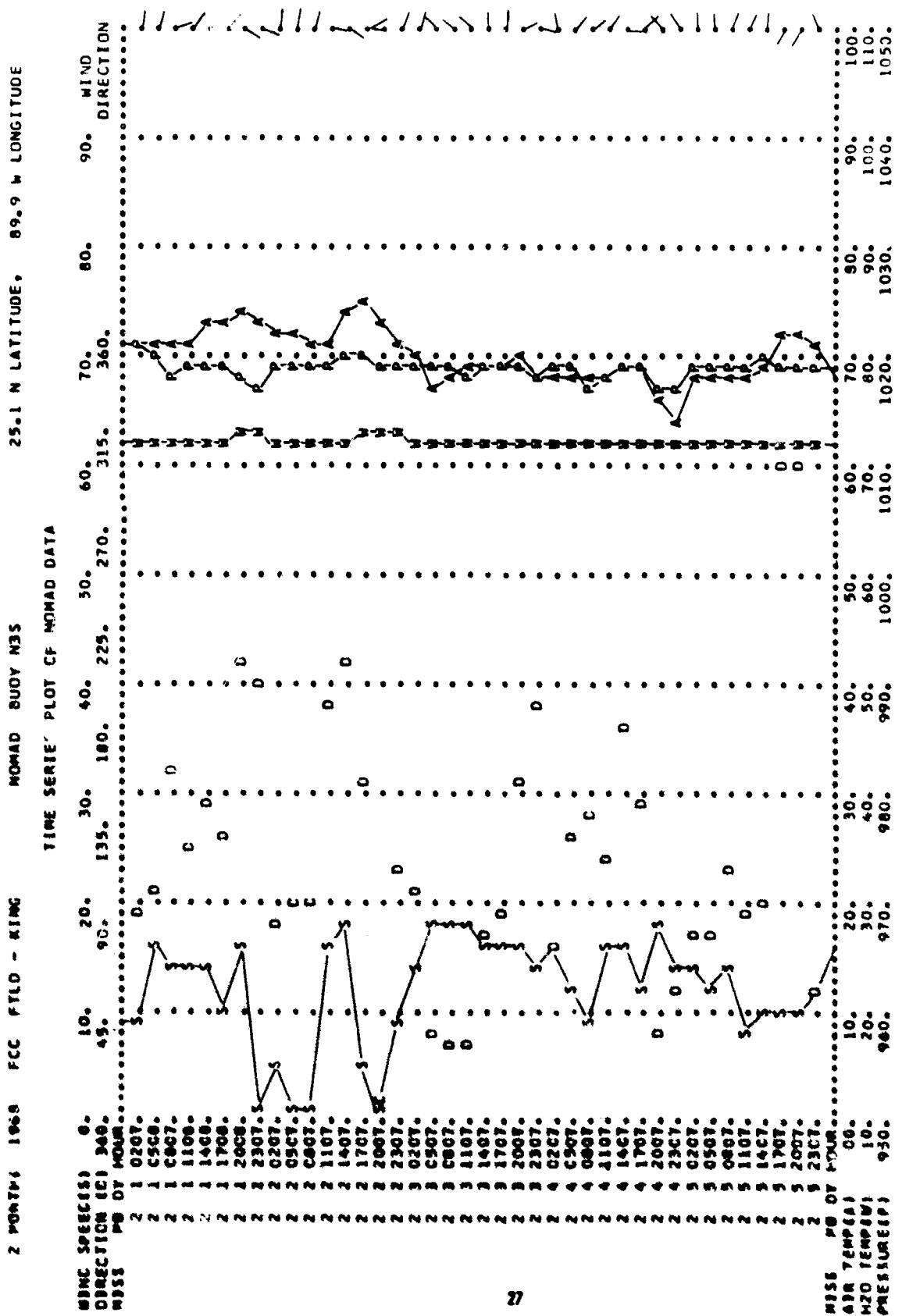


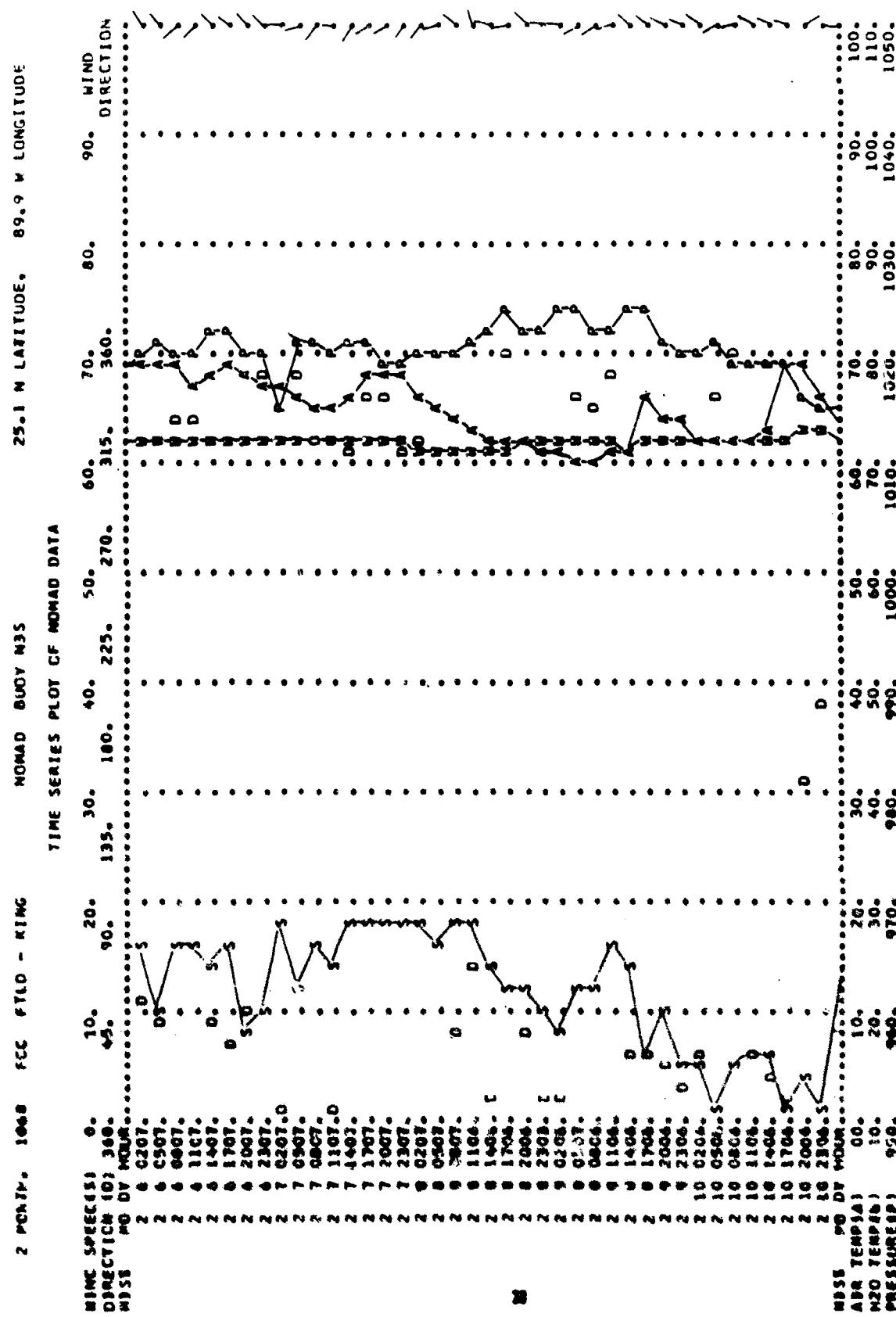


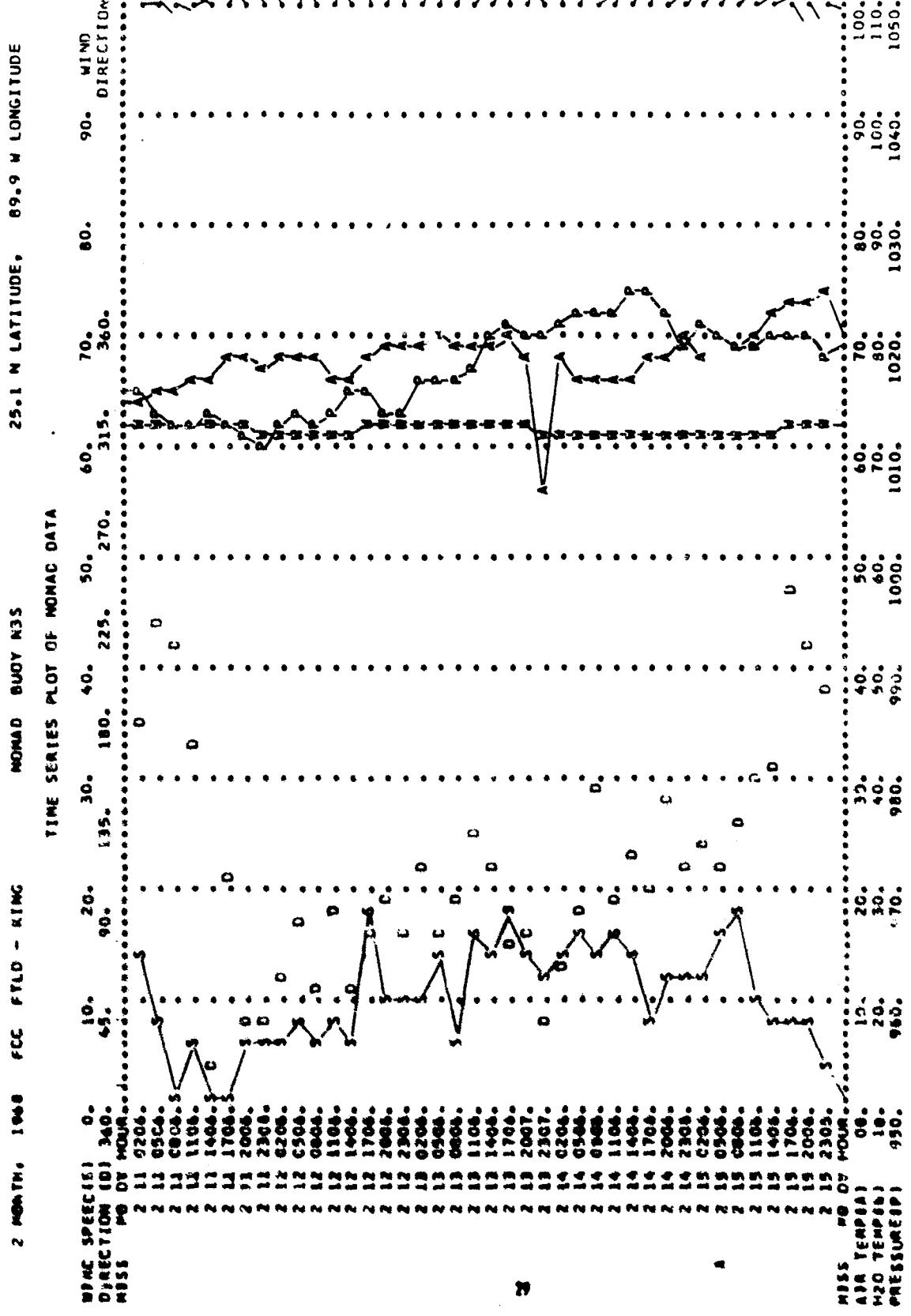


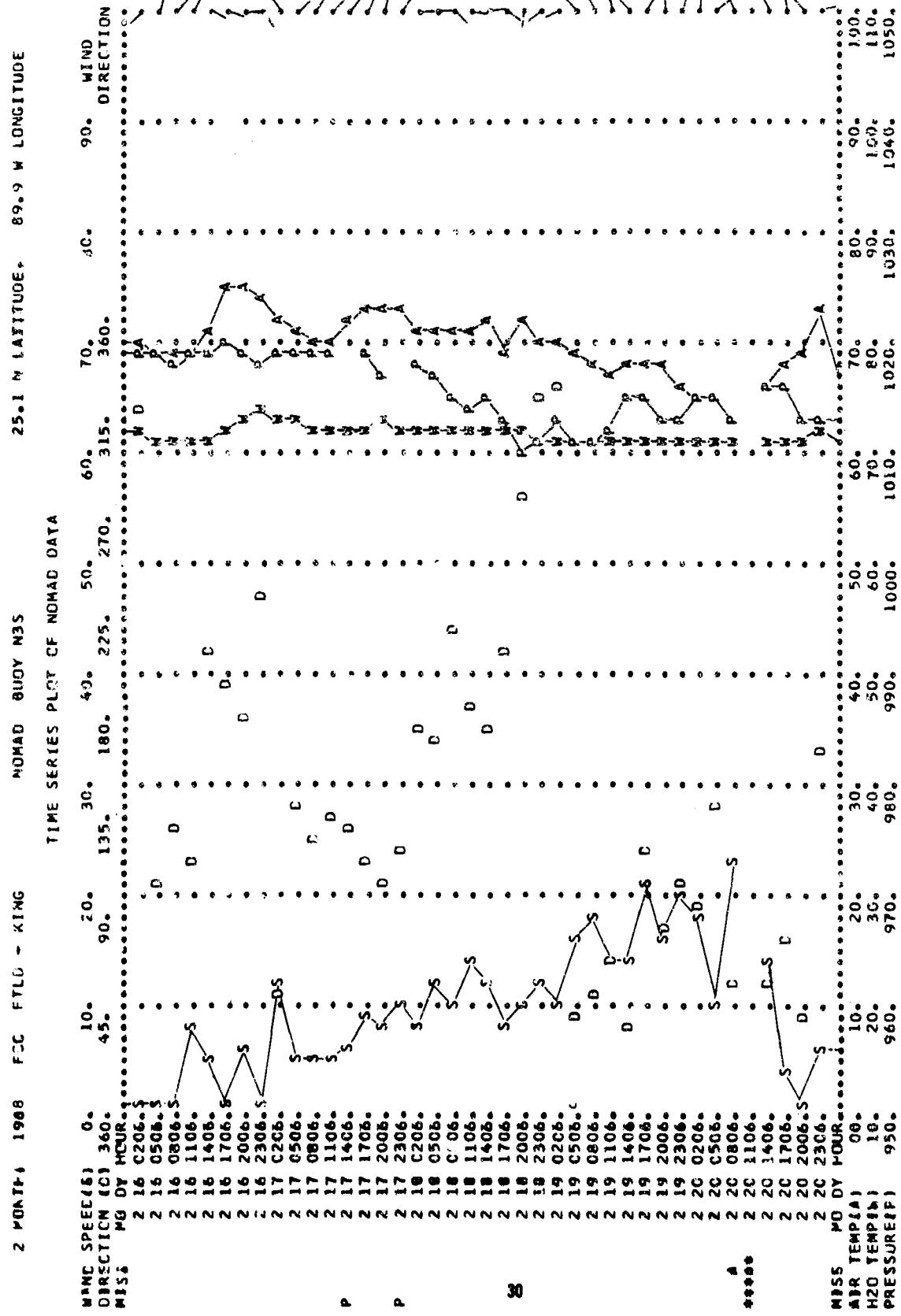






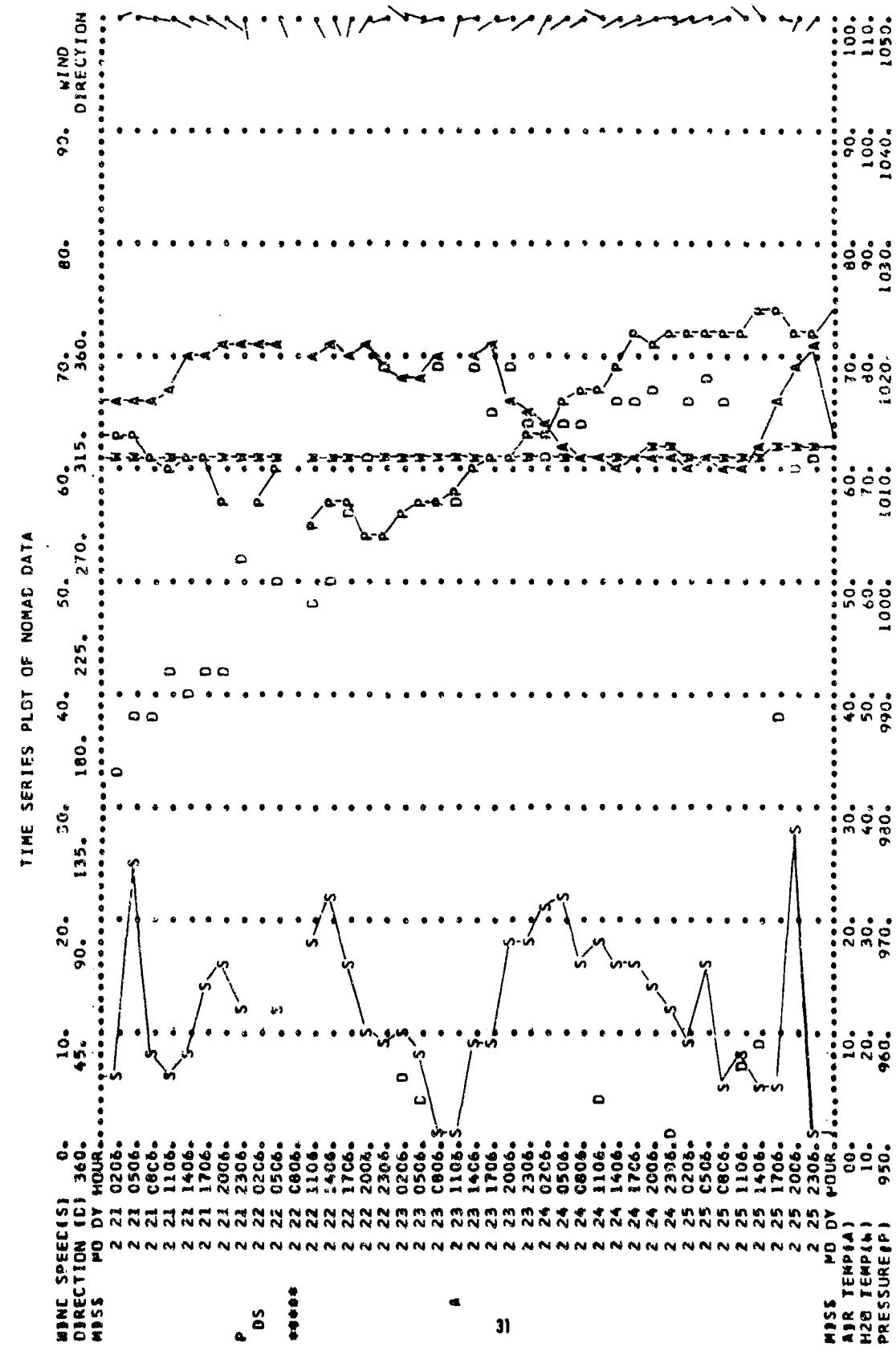






2 MONTH. 1968 FCC FIELD - KING

TIME SERIES PLOT OF NOMAD DATA

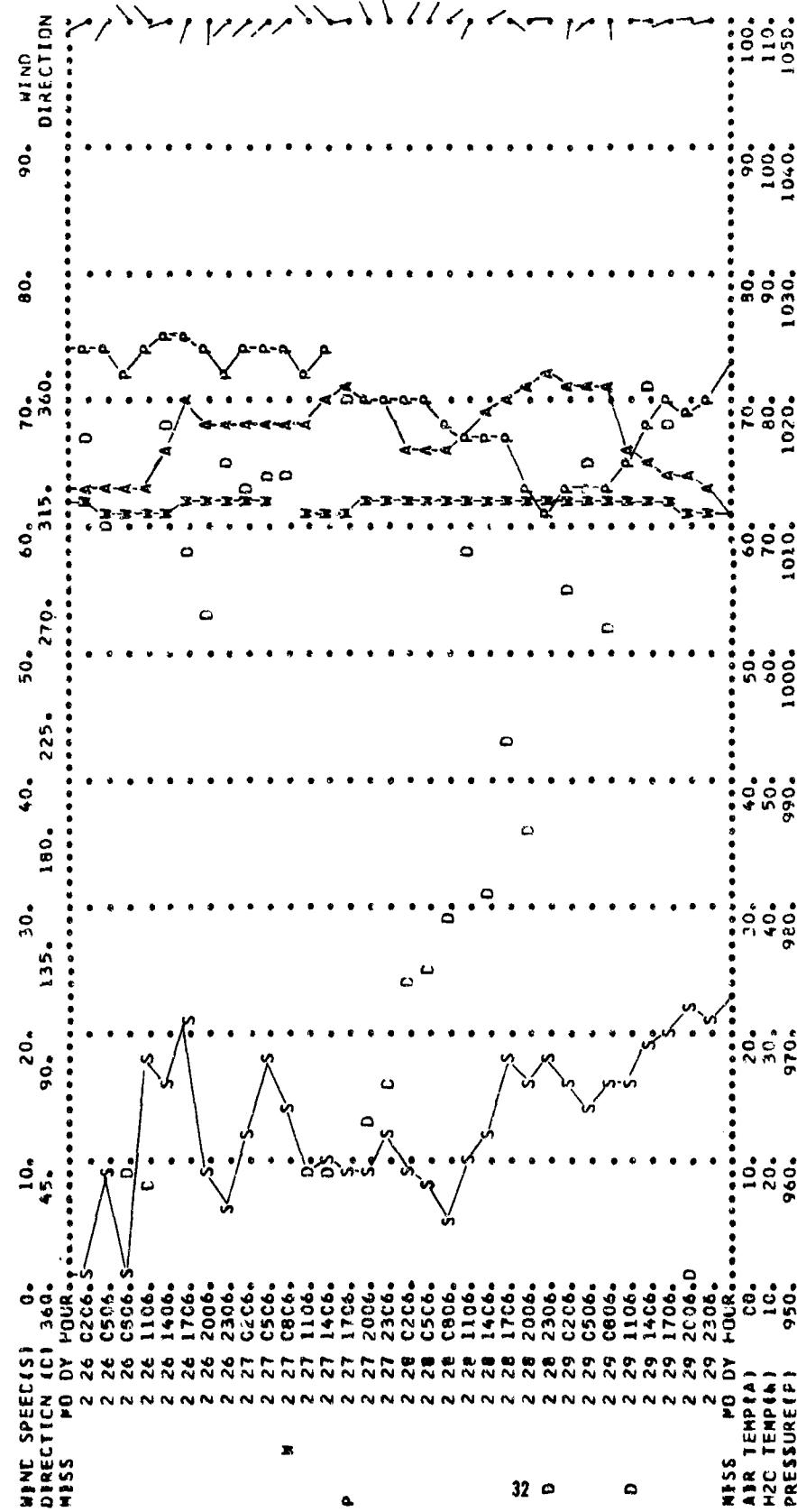


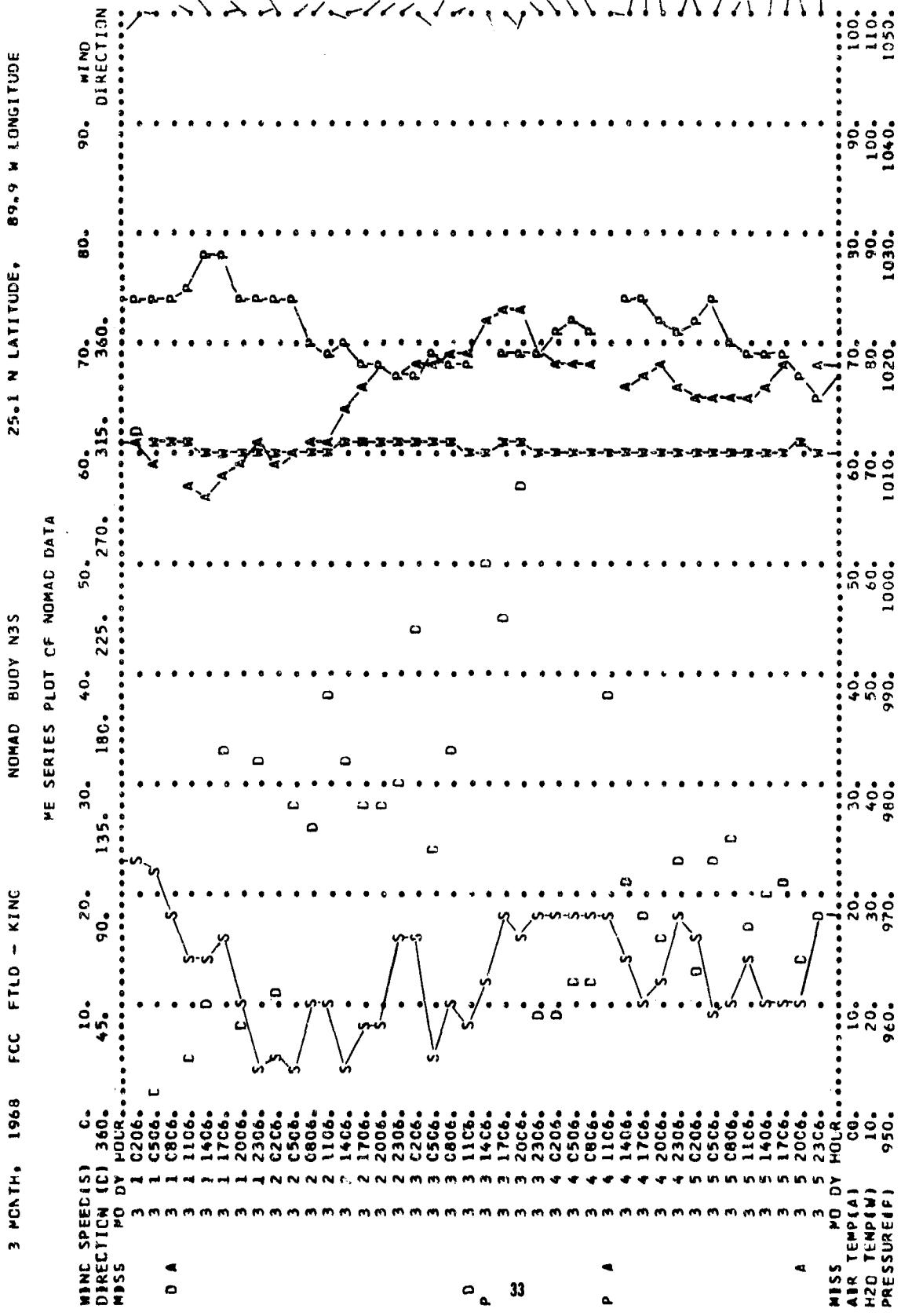
2 MONTH, 1968

FCC FT10 - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

## TIME SERIES PLOT OF NCMAC DATA





3 NOV 1968

FCC

FTLD - KING

25.1 N LATITUDE.

89.9 W LONGITUDE

WIND SPEED (SI) 6.  
 DIRECTION (IC) 360.  
 MISS PO DV HOUR.  
 D 3 6 02C6.  
 D 0 3 6 C5C6.  
 D 0 3 6 C8C6.  
 D 3 6 11C6.  
 D 3 6 14C6.  
 D 3 6 1706.  
 D 3 6 2006.  
 D 3 6 23C6.  
 D 3 7 C206.  
 D 3 7 0506.  
 D 0 3 7 C8C6.  
 D 3 7 11C6.  
 D 3 7 14C6.  
 D 3 7 17C6.  
 D 3 7 20C6.  
 D 3 8 C206.  
 D 3 8 0506.  
 D 3 8 C8C6.  
 D 3 8 1106.  
 D 3 8 1406.  
 D 3 8 17C6.  
 D 3 8 20C6.  
 D 3 9 C506.  
 D 3 9 C8C6.  
 D 3 9 11C6.  
 D 3 9 14C6.  
 D 3 9 17C6.  
 D 3 10 C206.  
 D 3 10 C5C6.  
 D 3 10 C8C6.  
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TIME SERIES PLOT OF NOMAD DATA

BUOY N35

NOMAD

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10.

50.

360.

315.

270.

225.

180.

135.

90.

50.

20.

10.

50.

360.

315.

270.

225.

180.

135.

90.

50.

20.

10.

50.

360.

315.

270.

225.

180.

135.

90.

50.

20.

10.

50.

360.

315.

270.

225.

180.

135.

90.

50.

20.

10.

50.

360.

315.

270.

225.

180.

135.

90.

50.

20.

10.

50.

360.

315.

270.

225.

180.

135.

90.

50.

20.

10.

50.

360.

315.

270.

225.

180.

135.

90.

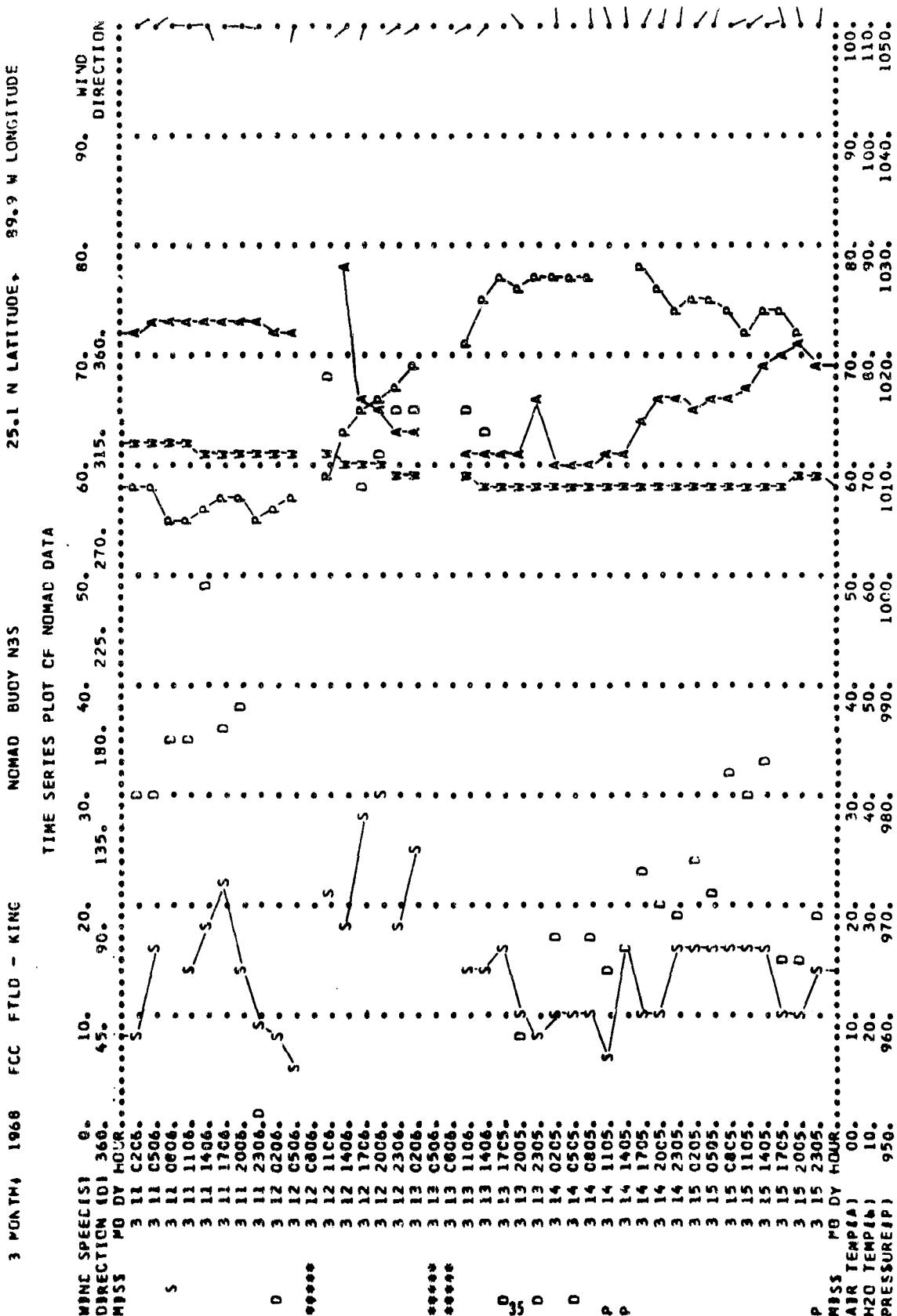
50.

20.

10.

50.

360.



3 MONTHS 1968 FCC FTLD - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

NOMAD BUOY N35

TIME SERIES PLOT OF NOMAD DATA

WIND SPEED (KTS) 0. 10. 20. 30. 40. 50. 60. 70. 80. 90. WIND DIRECTION (DEG) 360. 45. 90. 135. 180. 225. 270. 315. 360.

PO DD HOUR

MISS 3 16 C2C5.

3 16 C505.

3 16 08C6.

3 16 11C6.

3 16 1405.

3 16 1705.

3 16 2005.

3 16 23C5.

3 17 C2C5.

3 17 C505.

3 17 14C5.

3 17 1705.

3 17 2005.

3 17 11C5.

3 17 14C5.

3 17 23C5.

3 18 C2C5.

3 18 C505.

3 18 08C5.

3 18 11C5.

3 18 14C5.

3 18 1705.

3 18 2005.

3 18 23C5.

3 19 C2C5.

3 19 C505.

3 19 08C5.

3 19 11C5.

3 19 1405.

3 19 1705.

3 19 2005.

3 19 23C5.

3 20 C2C5.

3 20 C505.

3 20 0805.

3 20 1105.

3 20 1405.

3 20 1705.

3 20 2005.

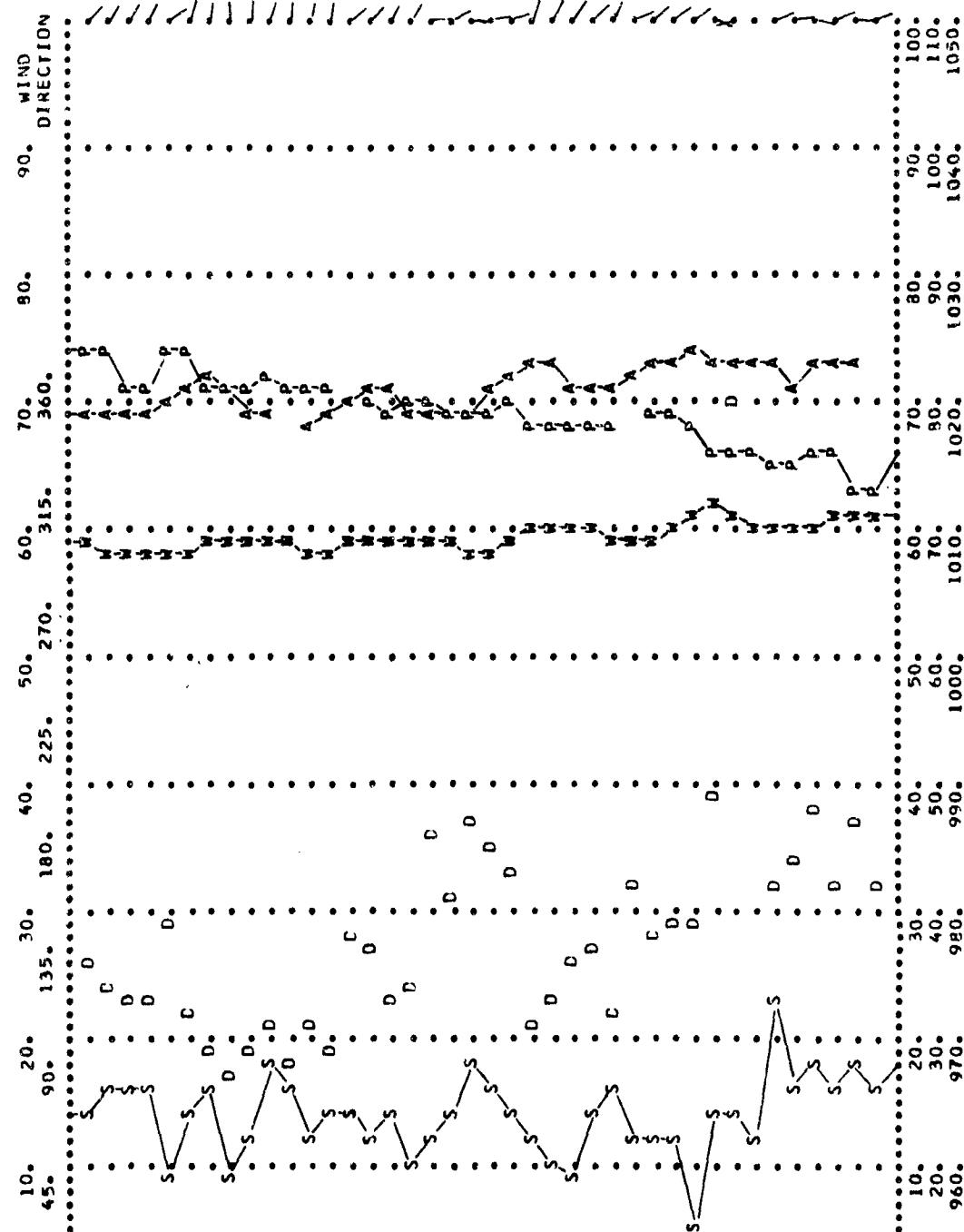
3 20 23C5.

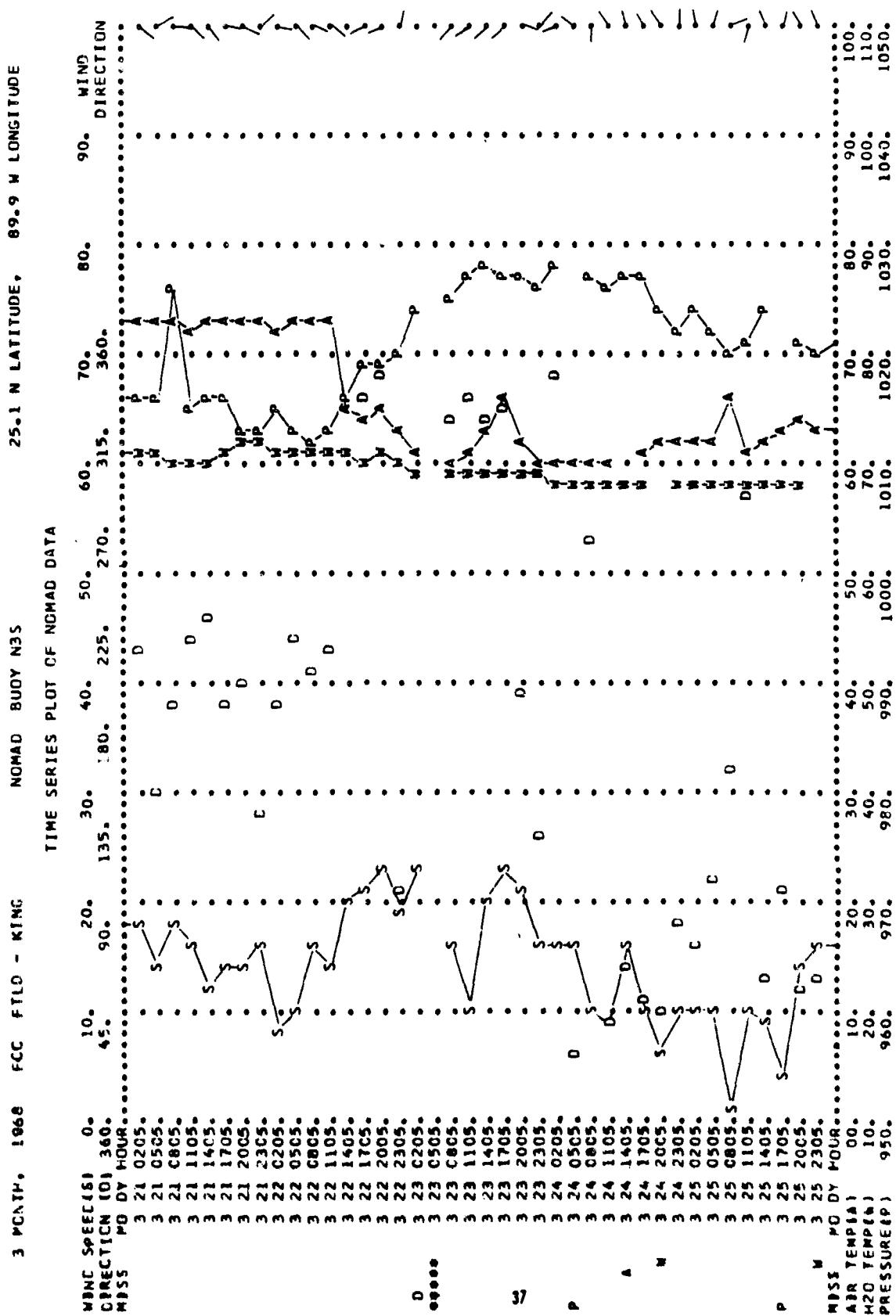
MISS #0 DD HOUR

AIR TEMP (A) CO. 10. 20. 30. 40. 50. 60. 70. 80. 90.

H2O TEMP (W) 10. 20. 30. 40. 50. 60. 70. 80. 90. 100.

PRESSURE (P) 950. 960. 970. 980. 990. 1000. 1010. 1020. 1030. 1040. 1050.



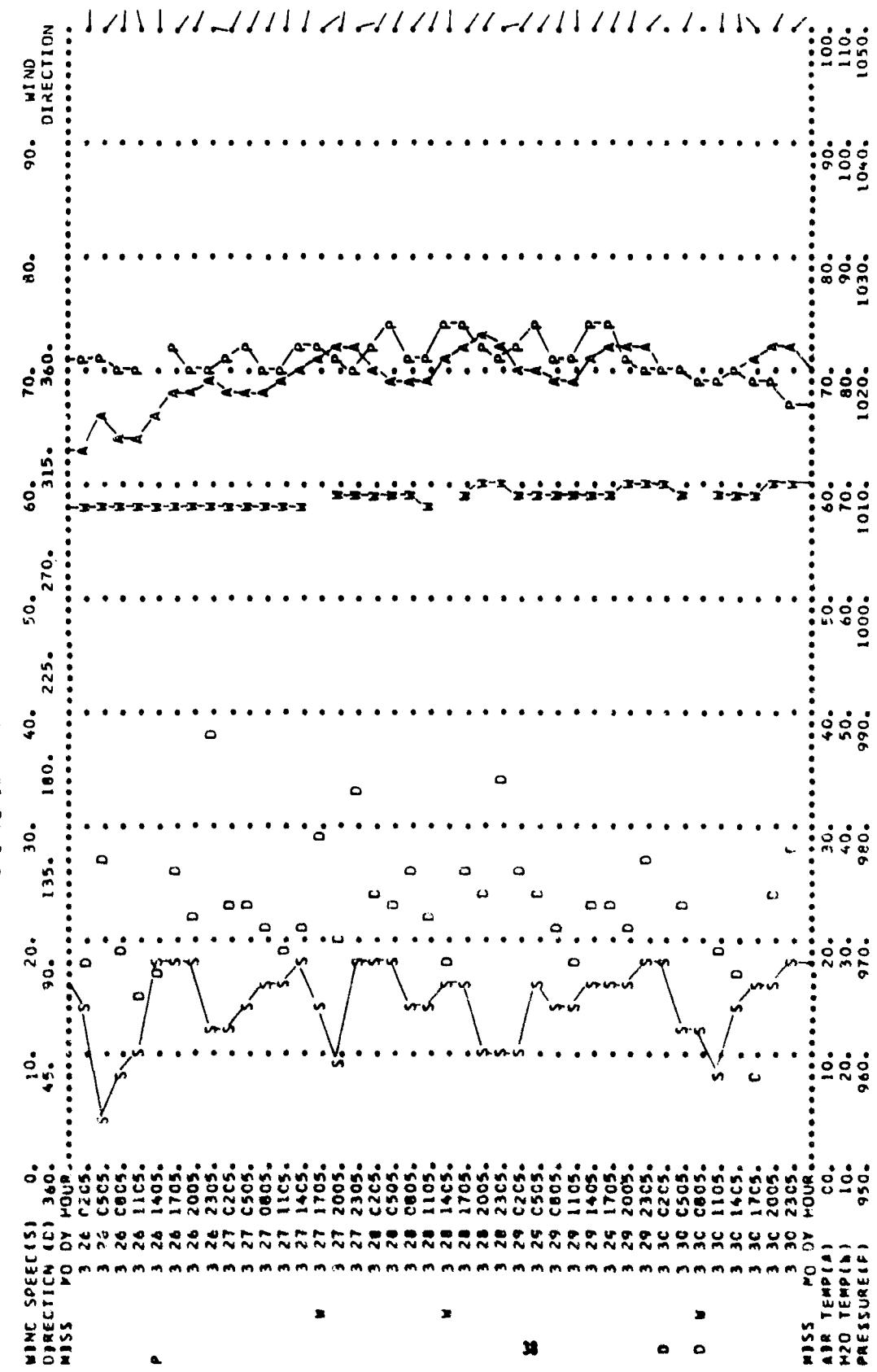


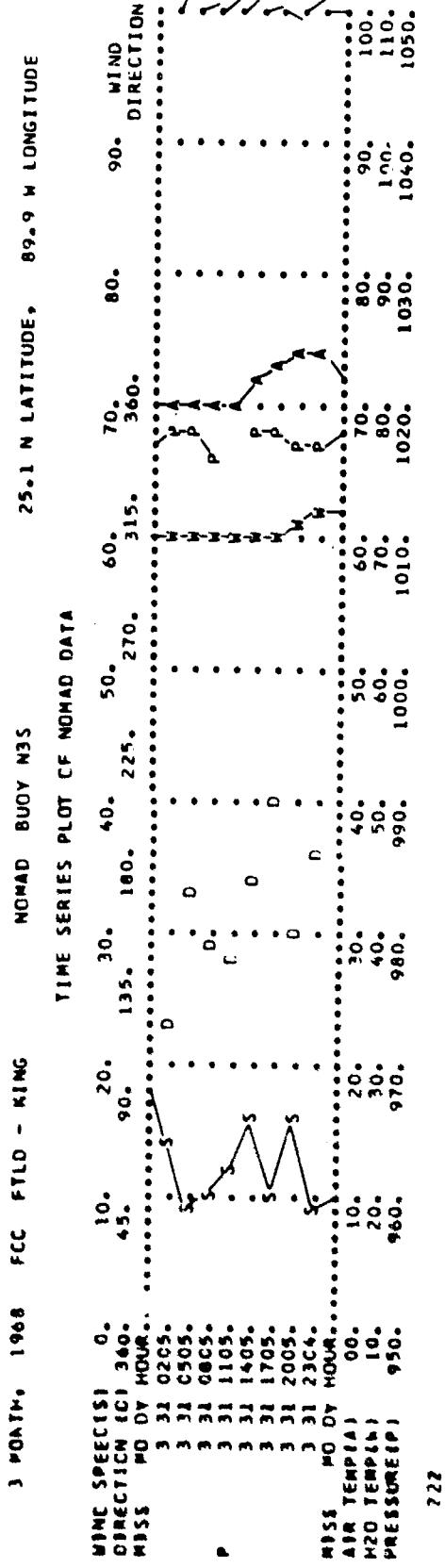
REGISTRATION FORM - FCC ID: 2ABD2-A1008

25.1 LATITUDE: 89.9 LONGITUDE

SENATE JOURNAL

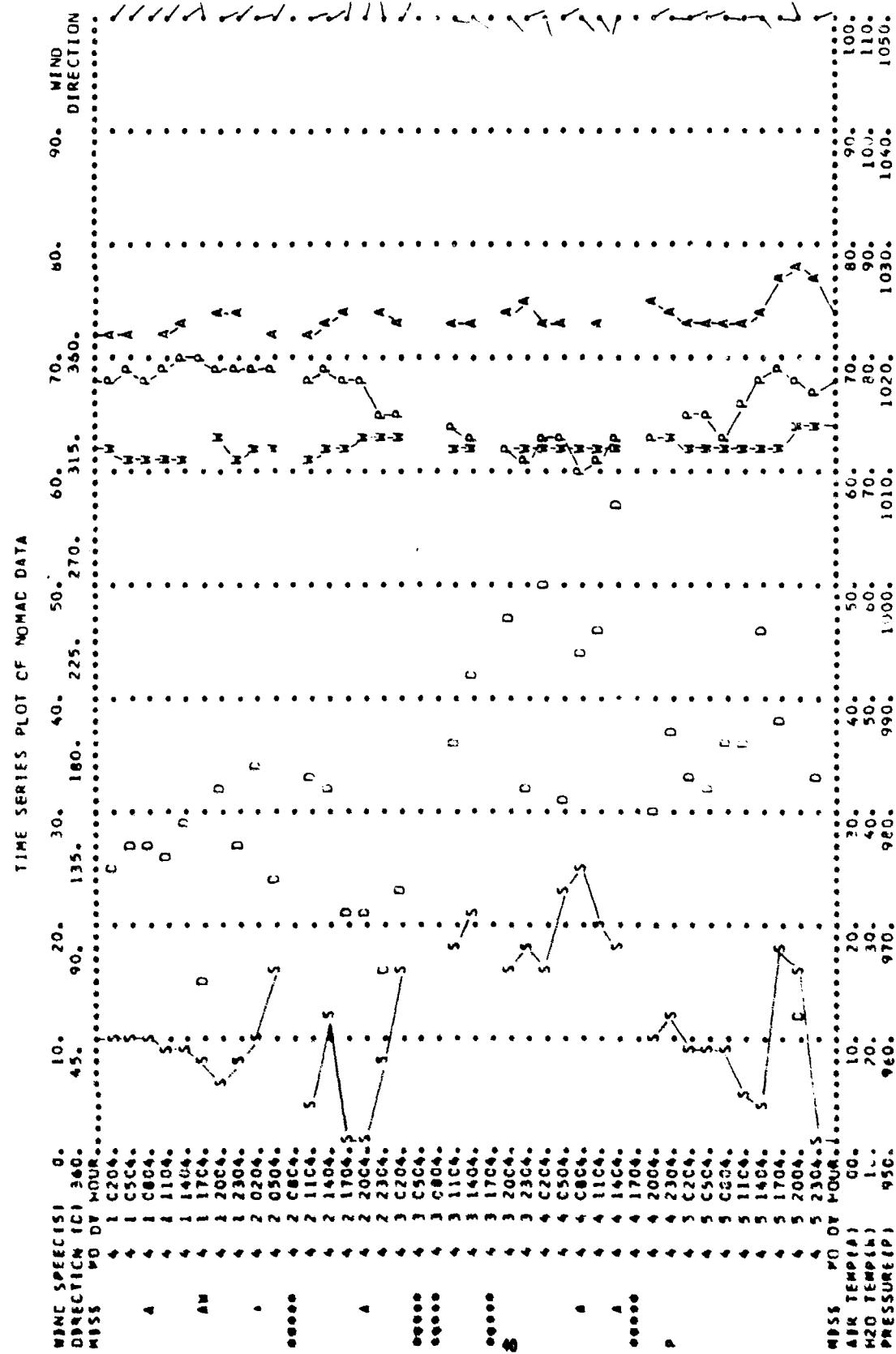
TIME SERIES WITH NONSIGNAL

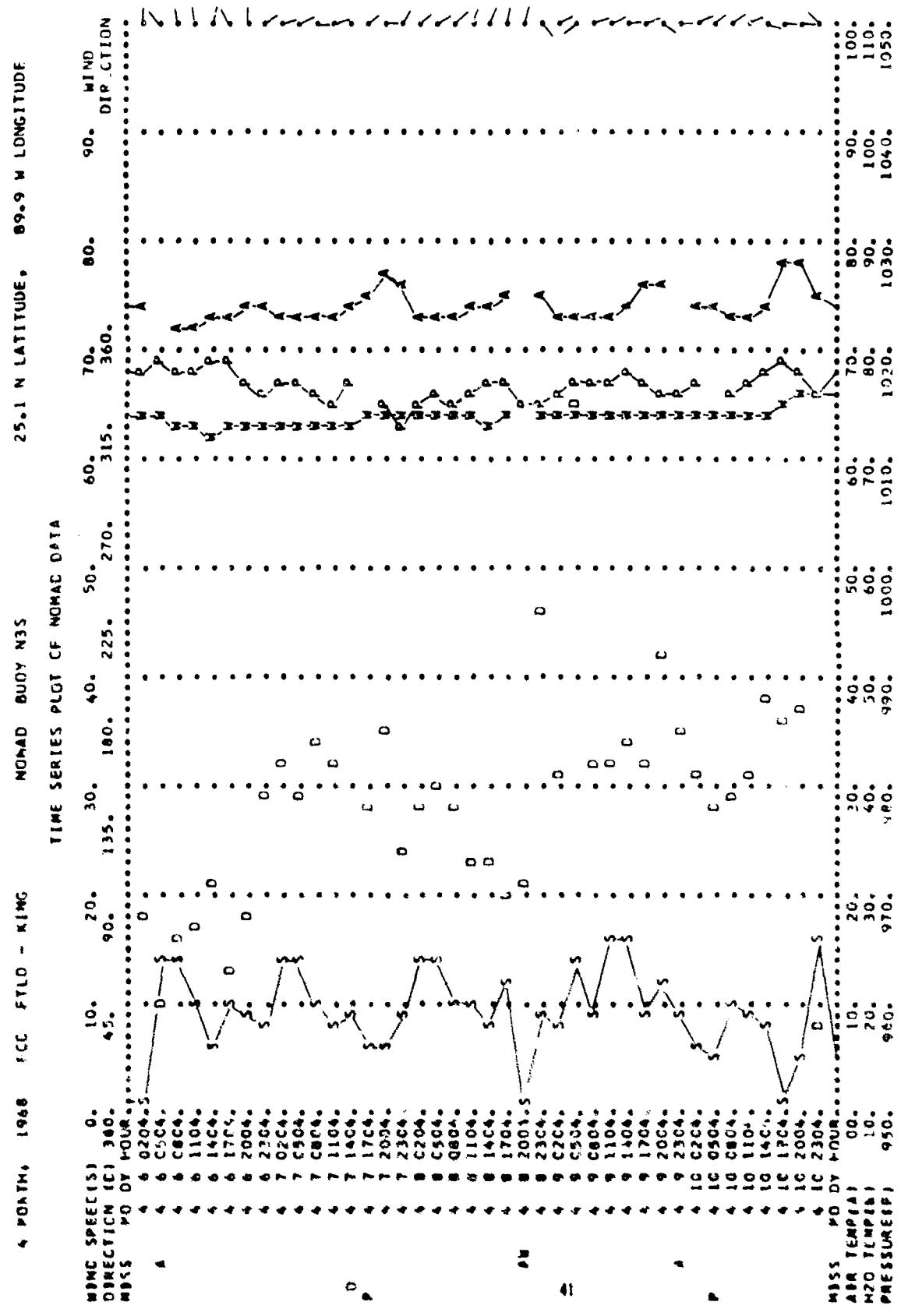




4 PCATR, 1968

25.1 N LATITUDE, 89.9 W LONGITUDE



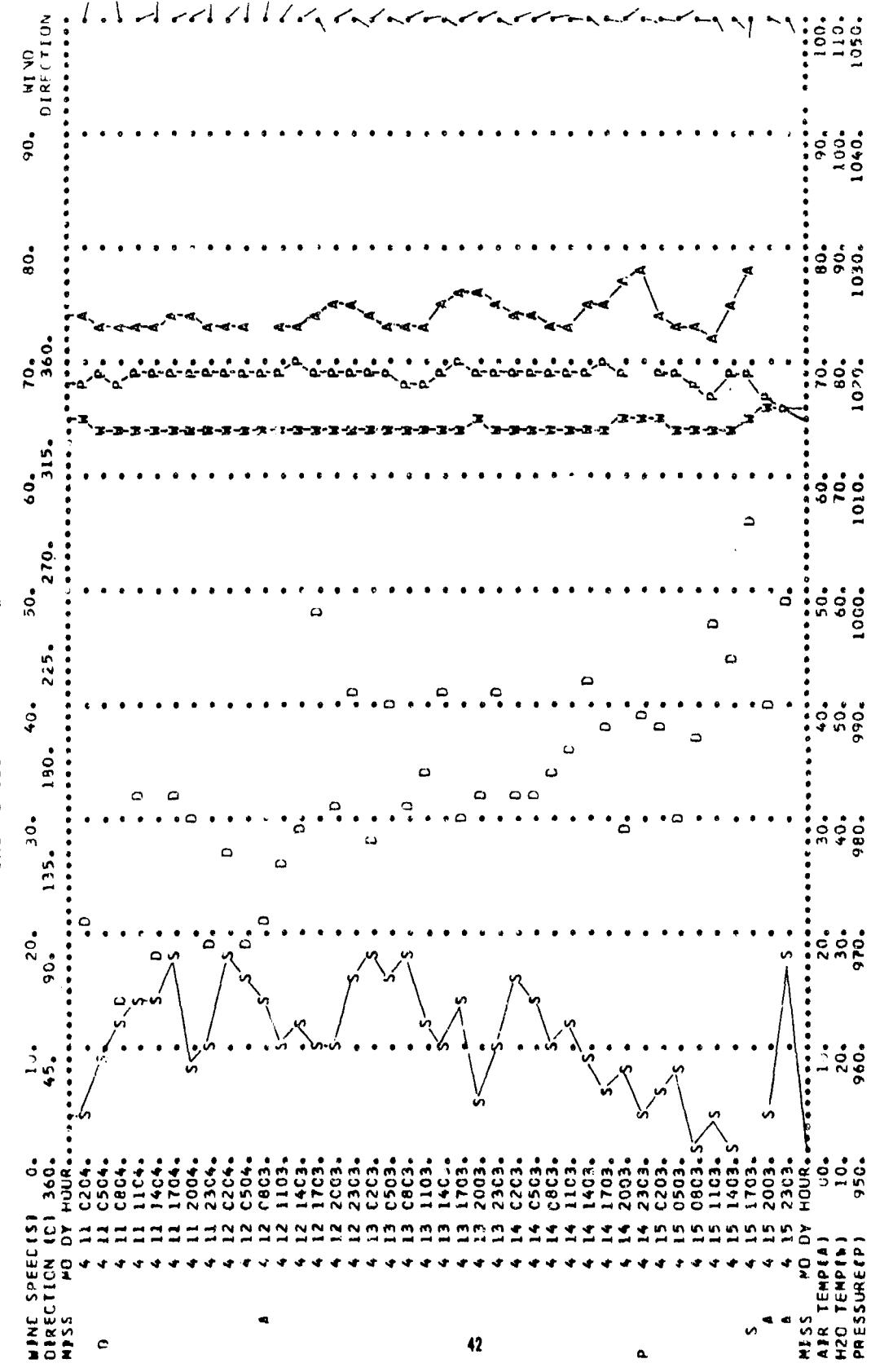


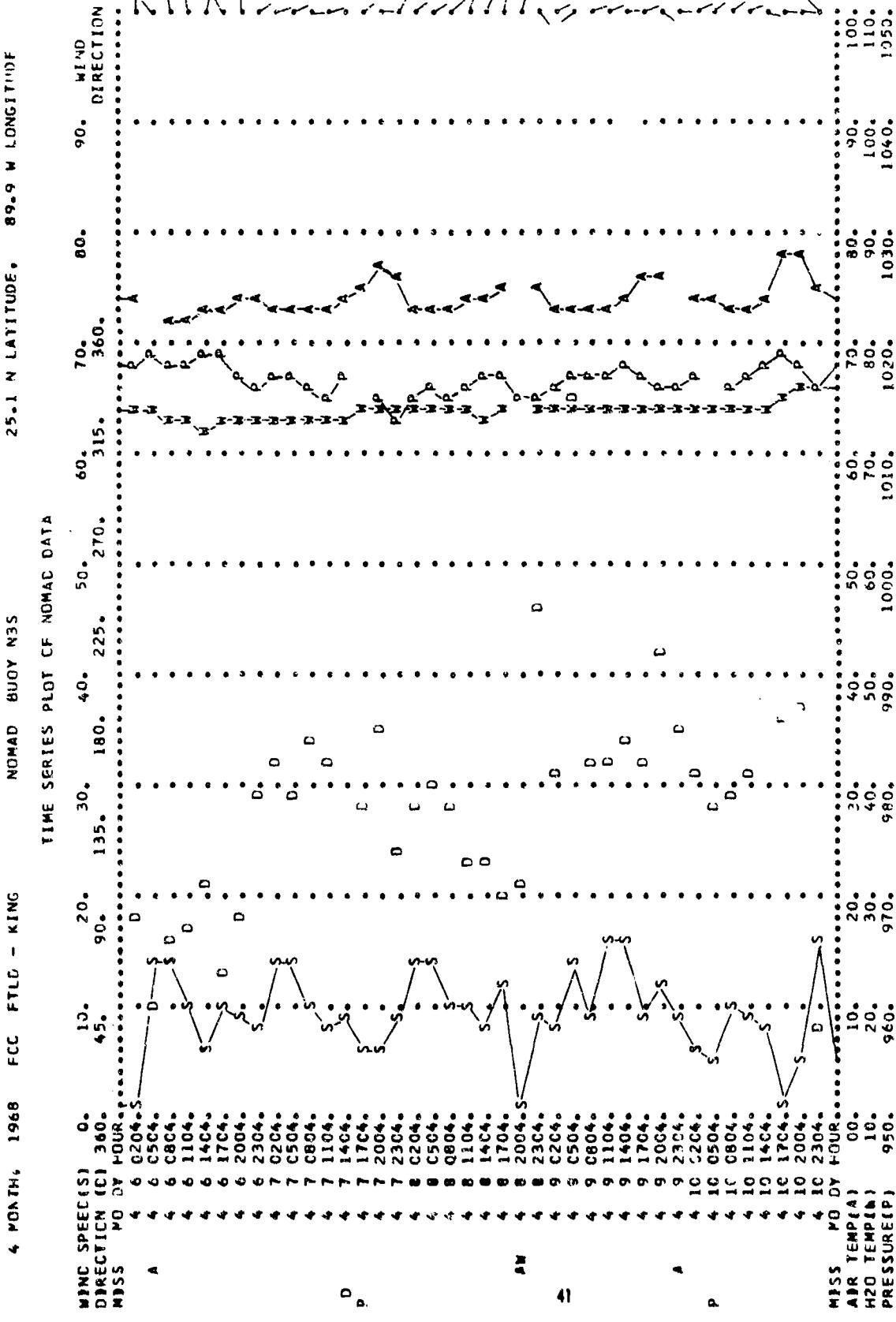
4 MARCH, 1968

25.1 M.Y. TYPE: R.O. 10. POSITION:

NOMAD SURY N°5

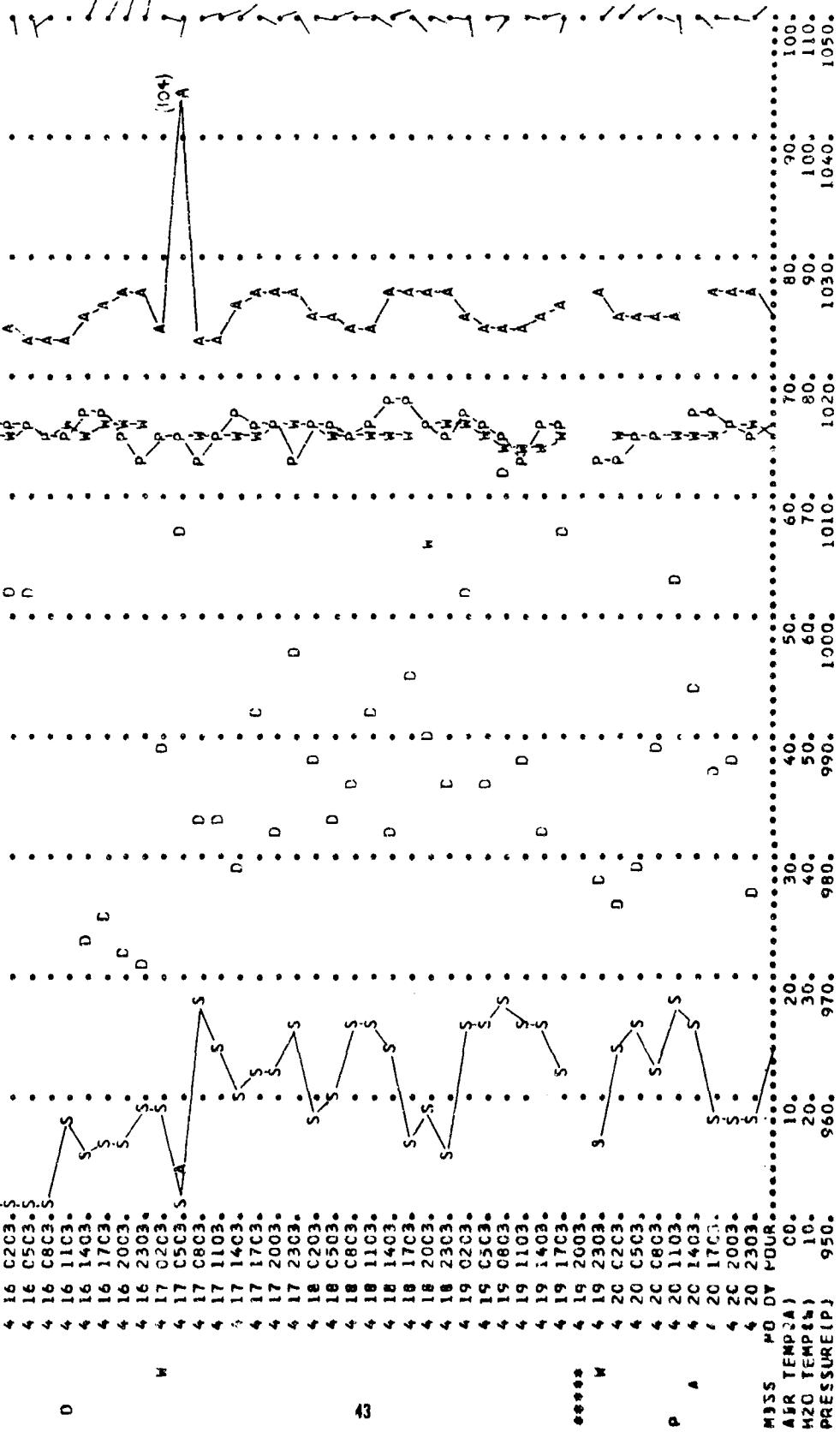
TIME SERIES PLOT OF NOMAD DATA

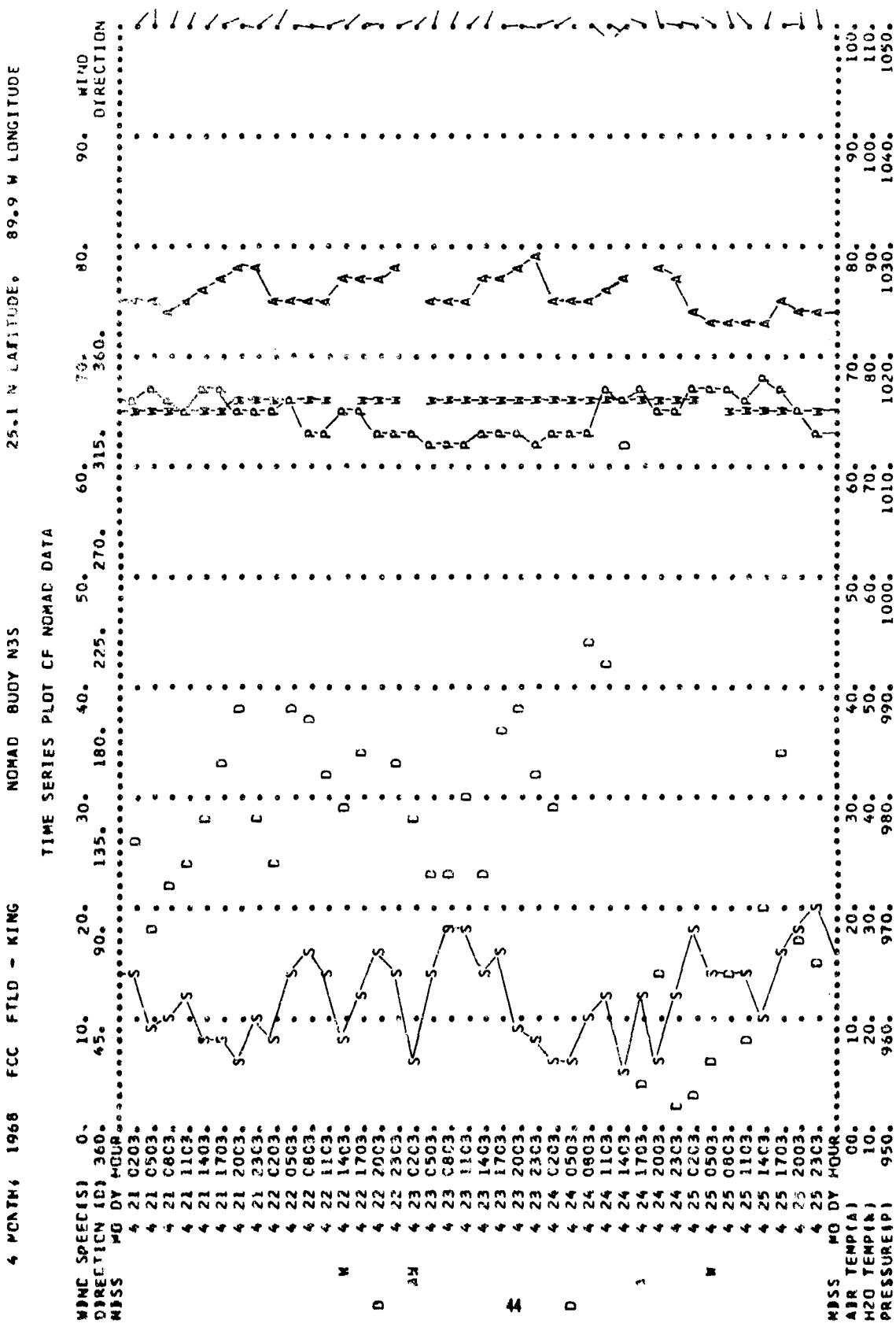


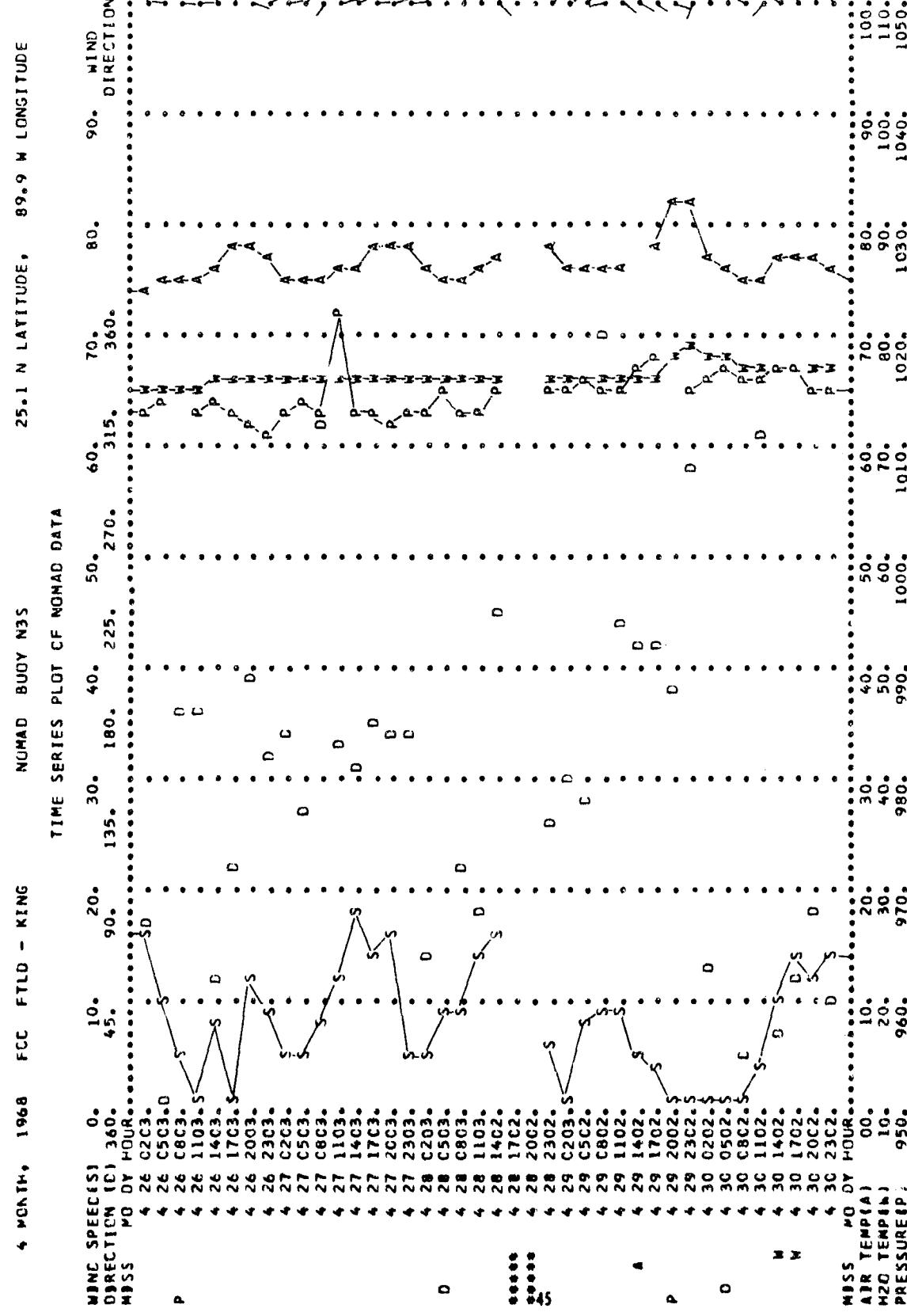


4 MONTHS 1968 FCC FTLD - KING

NOMAD BUDDY N35 25°-1' N LATITUDE + 89°-9' W LONGITUDE





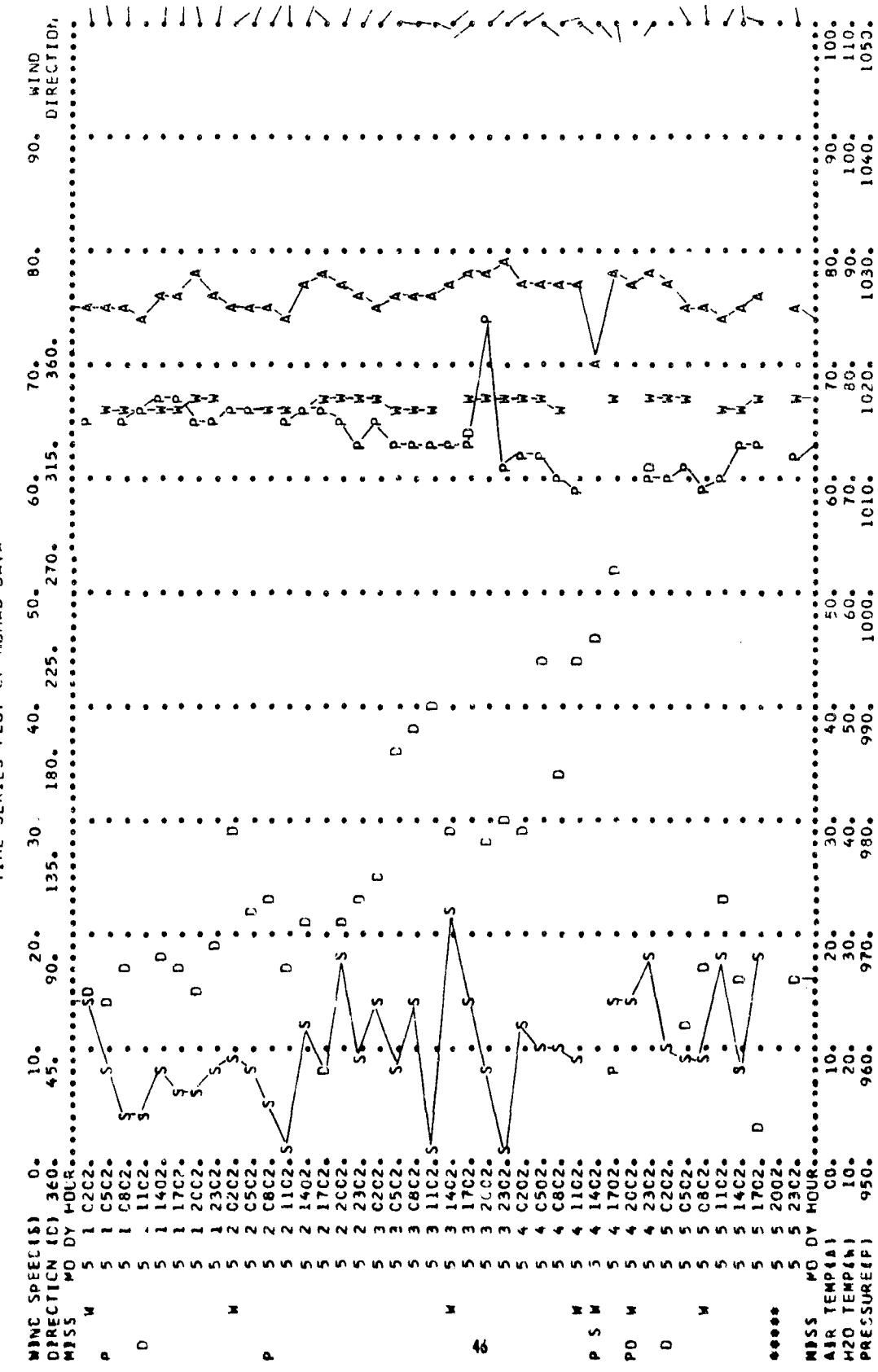


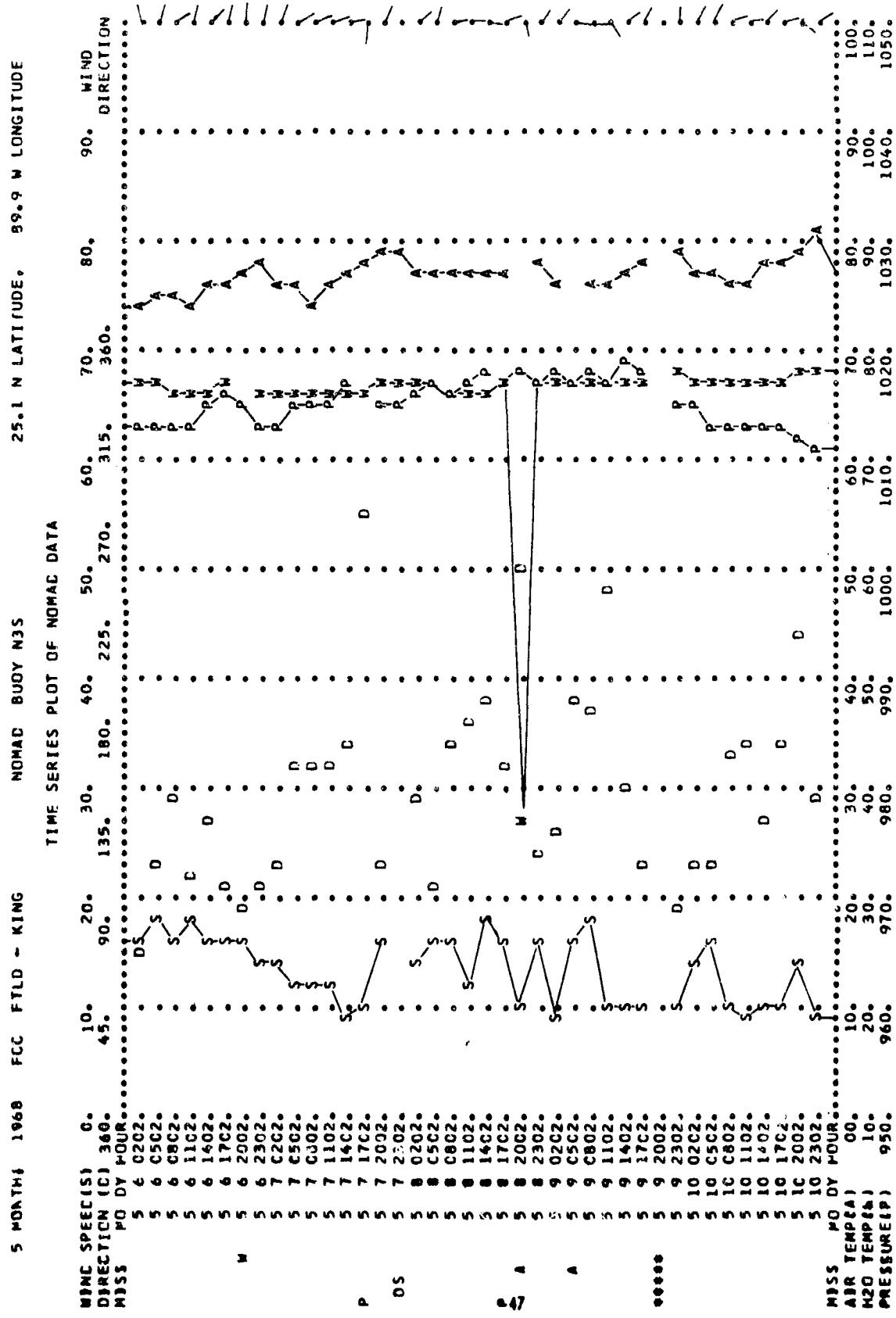
5 MAY - 1968

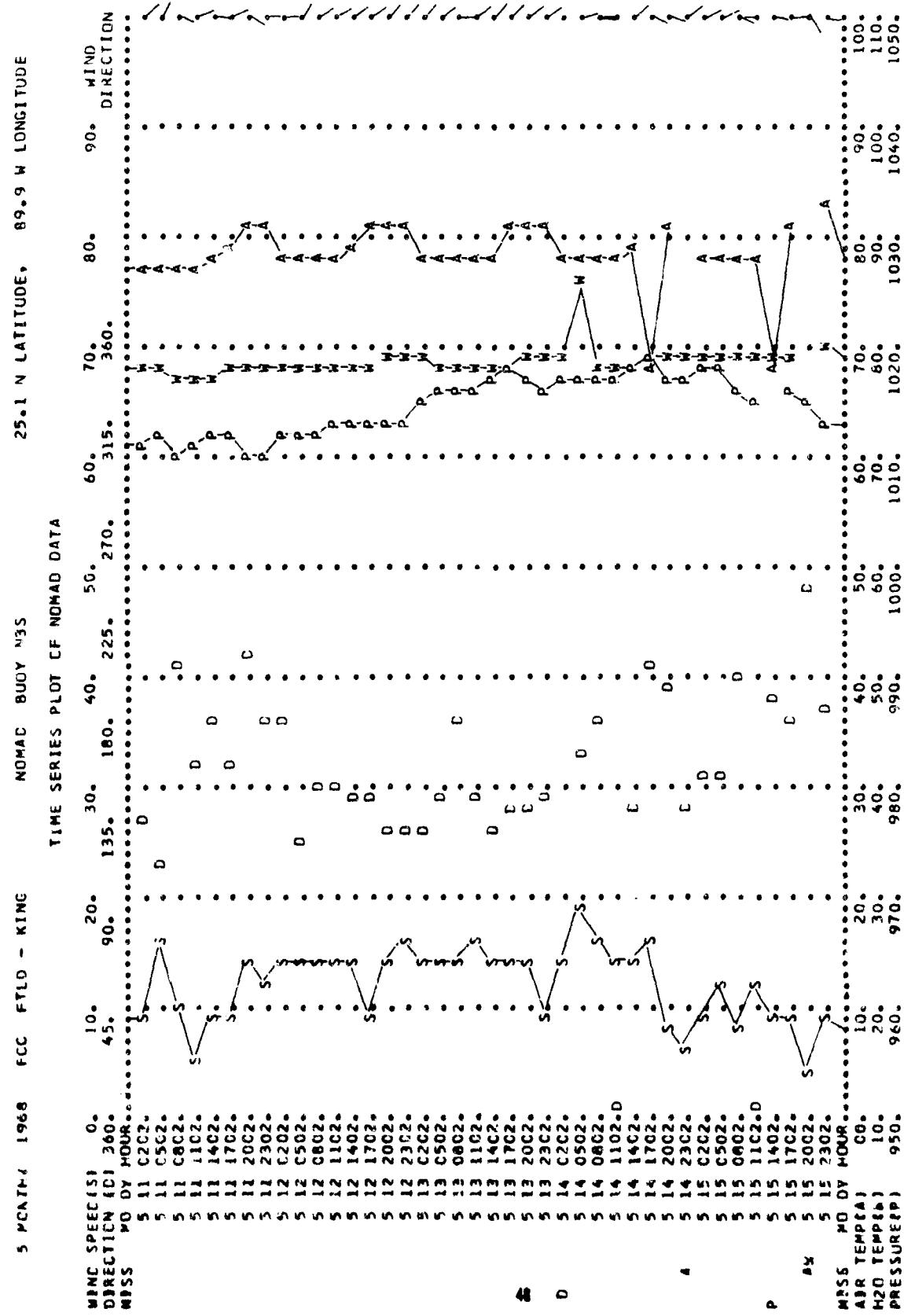
FCC FTLD - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

## TIME SERIES PLOT OF NOMAD DATA



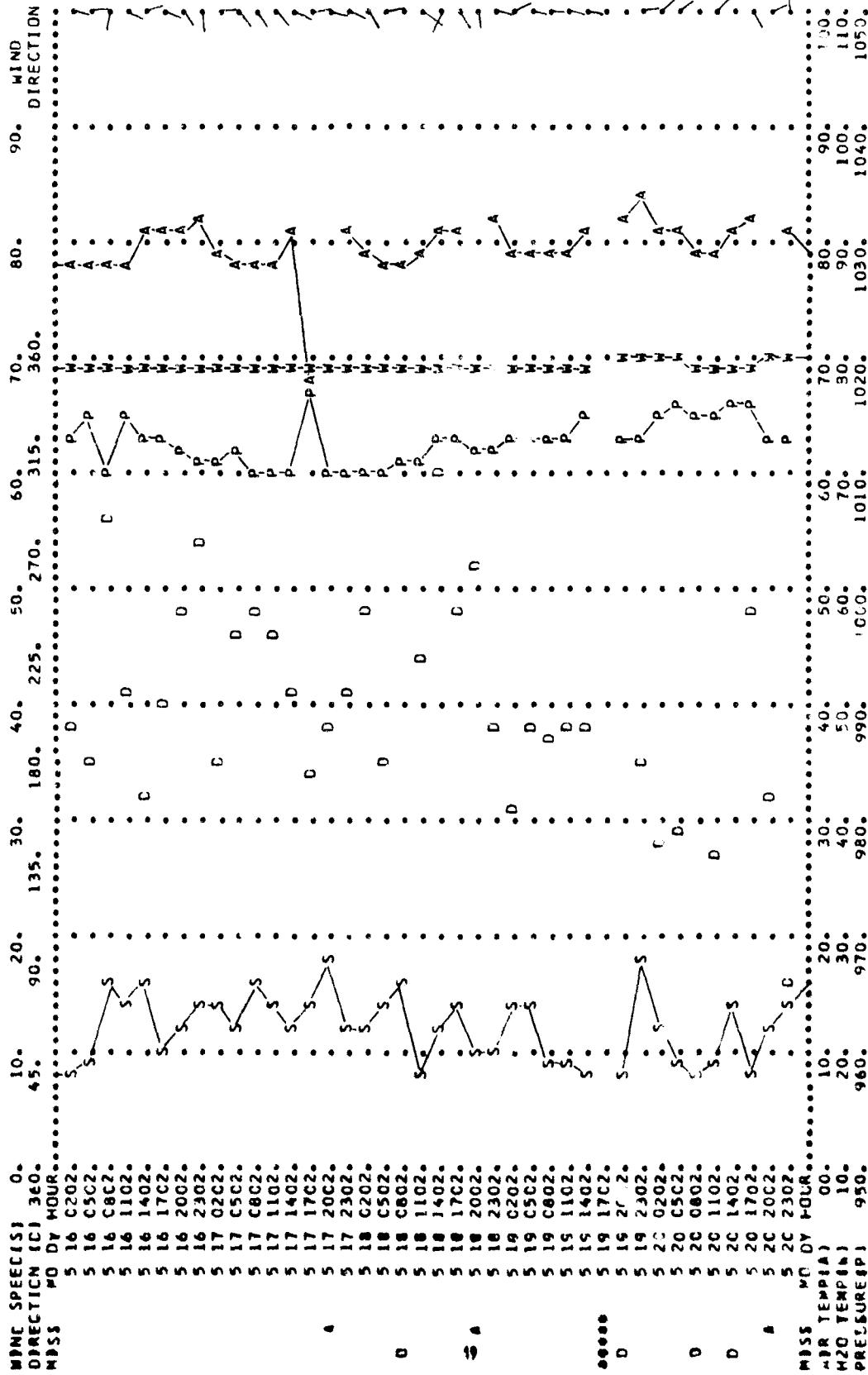




5 MONTH. 1968    FCC FIELD - KING  
 MISS MN DV HOUR  
 MNPC SPECIES I (C) 360.  
 DIRECTION (C) 360.  
 MISS MN DV HOUR  
 5 16 C202.  
 5 16 CSC2.  
 5 16 CBC2.  
 5 16 1102.  
 5 16 1402.  
 5 16 17C2.  
 5 16 2002.  
 5 16 2302.  
 5 17 02C2.  
 5 17 CSC2.  
 5 17 CBC2.  
 5 17 1102.  
 5 17 1402.  
 5 17 17C2.  
 5 17 20C2.  
 5 17 2302.  
 5 18 C202.  
 5 18 CSC2.  
 5 18 CBC2.  
 5 18 1102.  
 5 18 1402.  
 5 18 17C2.  
 5 18 20C2.  
 5 18 2302.  
 5 19 C202.  
 5 19 CSC2.  
 5 19 CBC2.  
 5 19 1102.  
 5 19 1402.  
 5 19 17C2.  
 5 19 20C2.  
 5 19 2302.  
 5 20 CSC2.  
 5 20 CBC2.  
 5 20 1102.  
 5 20 1402.  
 5 20 1702.  
 5 20 20C2.  
 5 20 2302.

#### NOMAD BUOY N35

#### TIME SERIES PLOT OF NOMAD DATA



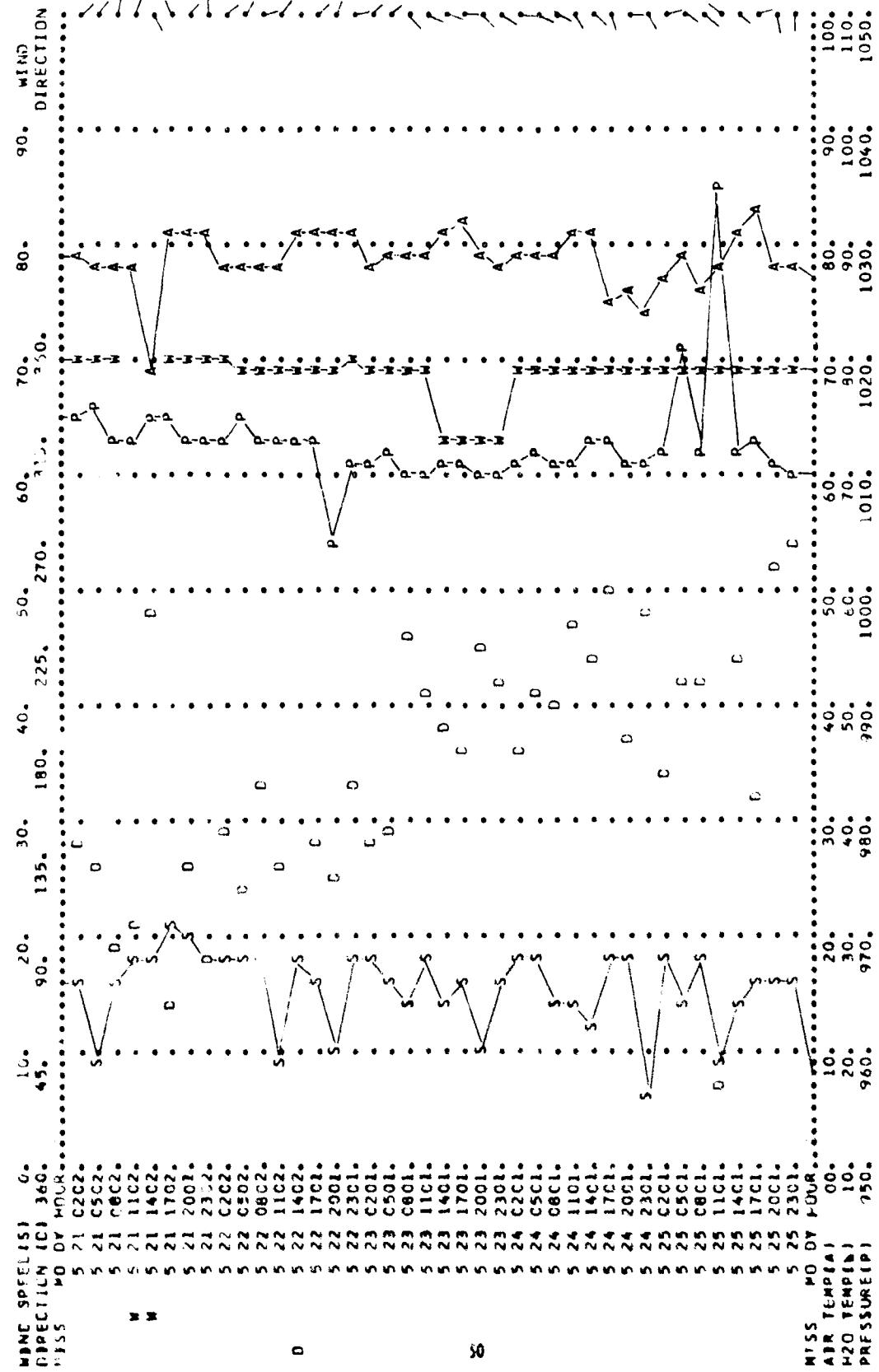
#### 25.1 N LATITUDE, 89.9 W LONGITUDE

5 MAY 1968

FCC

FTLD - KINC

TIME SERIES PLOT OF NORMAL DATA

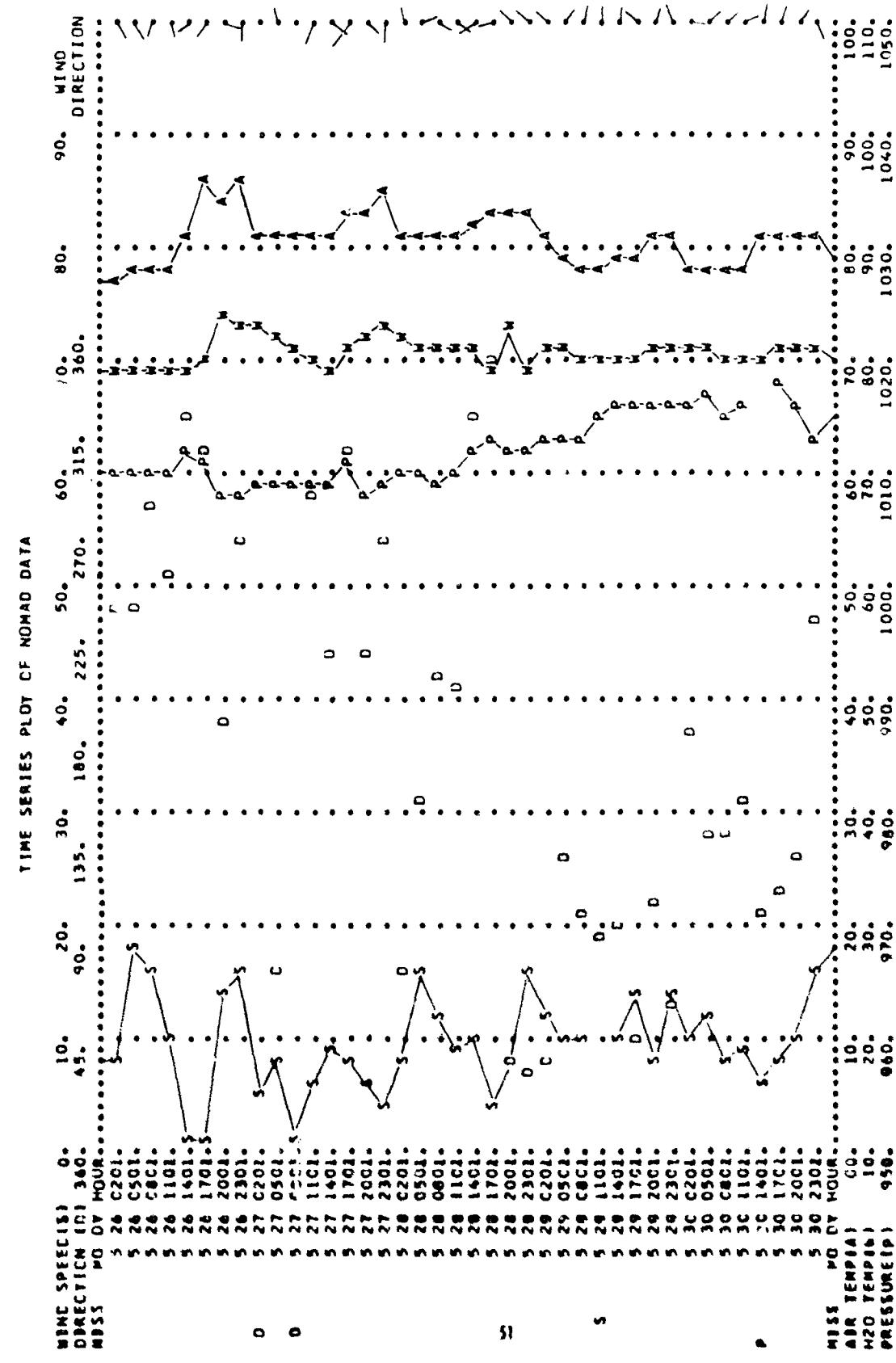


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5 PCATHY 1960 FCC FTLD - X1MC

MONAD RUVA NEM

25.1 LATITUDE, 89.9 LONGITUDE



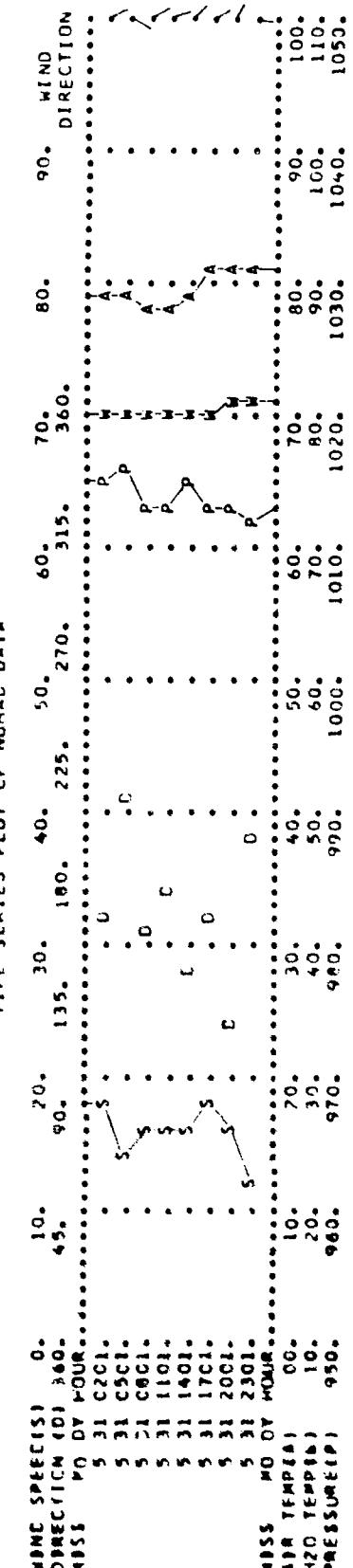
5 MONTHS 1968 FCC FIELD - KING

	WIND SPEED (KTS)	PRECIPITATION (MM)	TEMP (C)	H2O TEMP (C)	PRESSURE (hPa)
MISS MO DV HOUR	0. 360. 45. 90. 20. 70.	0. 135. 180. 225. 270. 315.	50. 60. 70. 80. 90.	60. 70. 80. 90. 100.	100. 110. 100. 1040. 1050.
MISS MO DV HOUR	0. 1701. 2001. 2301.	0. 0. 0. 0.	0. 0. 0. 0.	0. 0. 0. 0.	950. 960. 970. 1000.

5 MONTHS 1968 FCC FIELD - KING

NOMAD BUOY N35

TIME SERIES PLOT OF NOMAC DATA



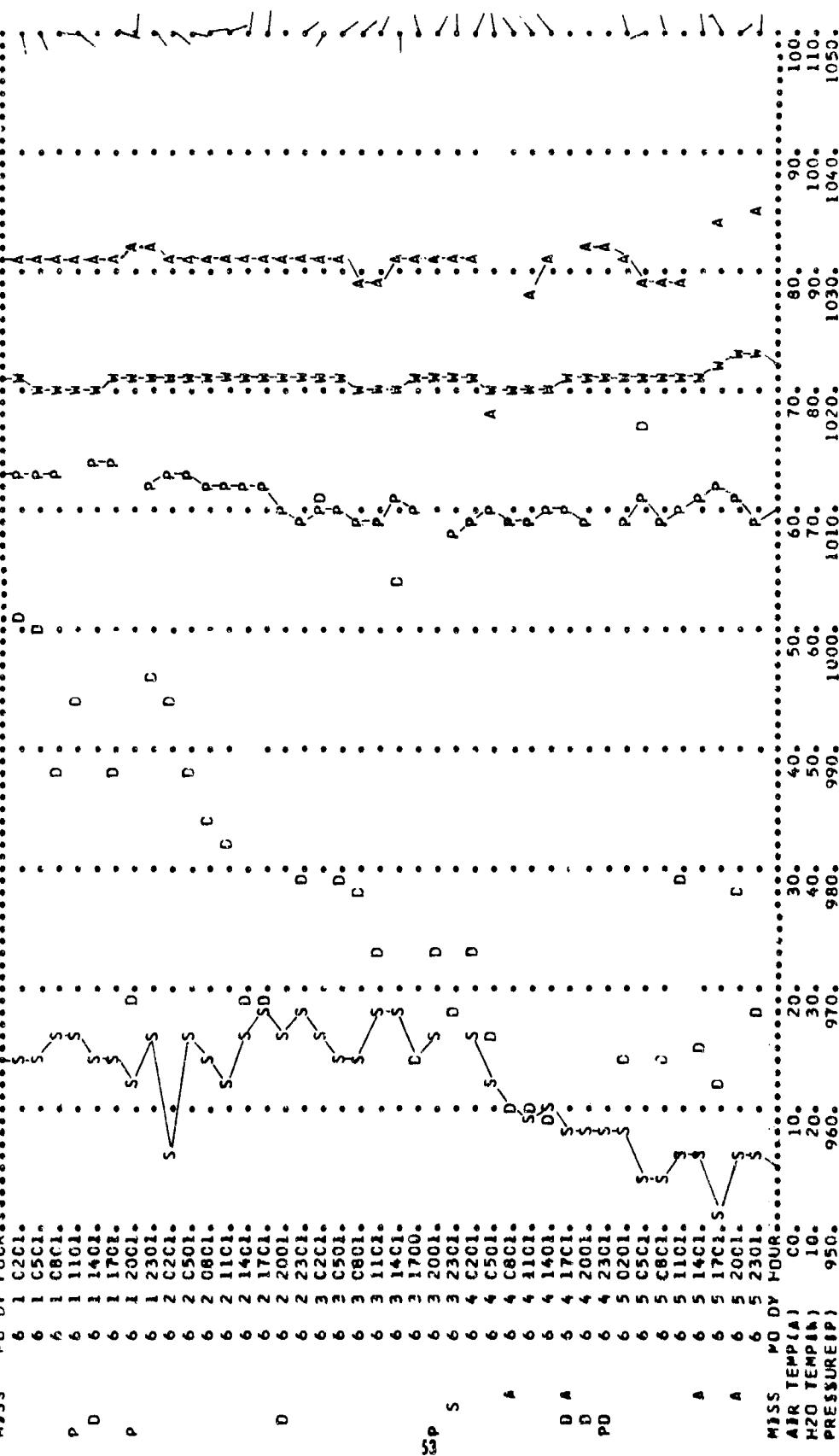
222

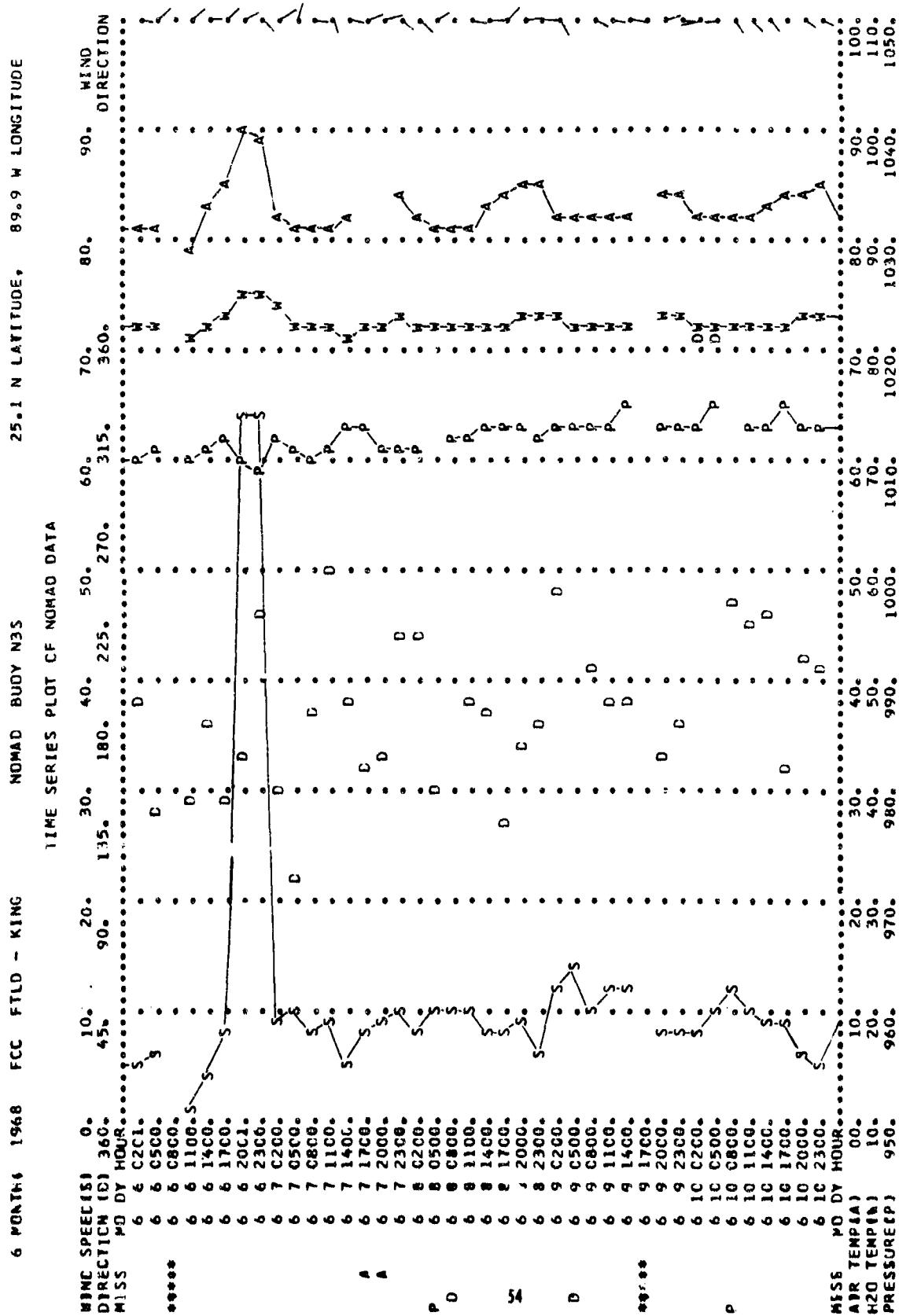
6 MONT, 1968 FCC FTLD - KING

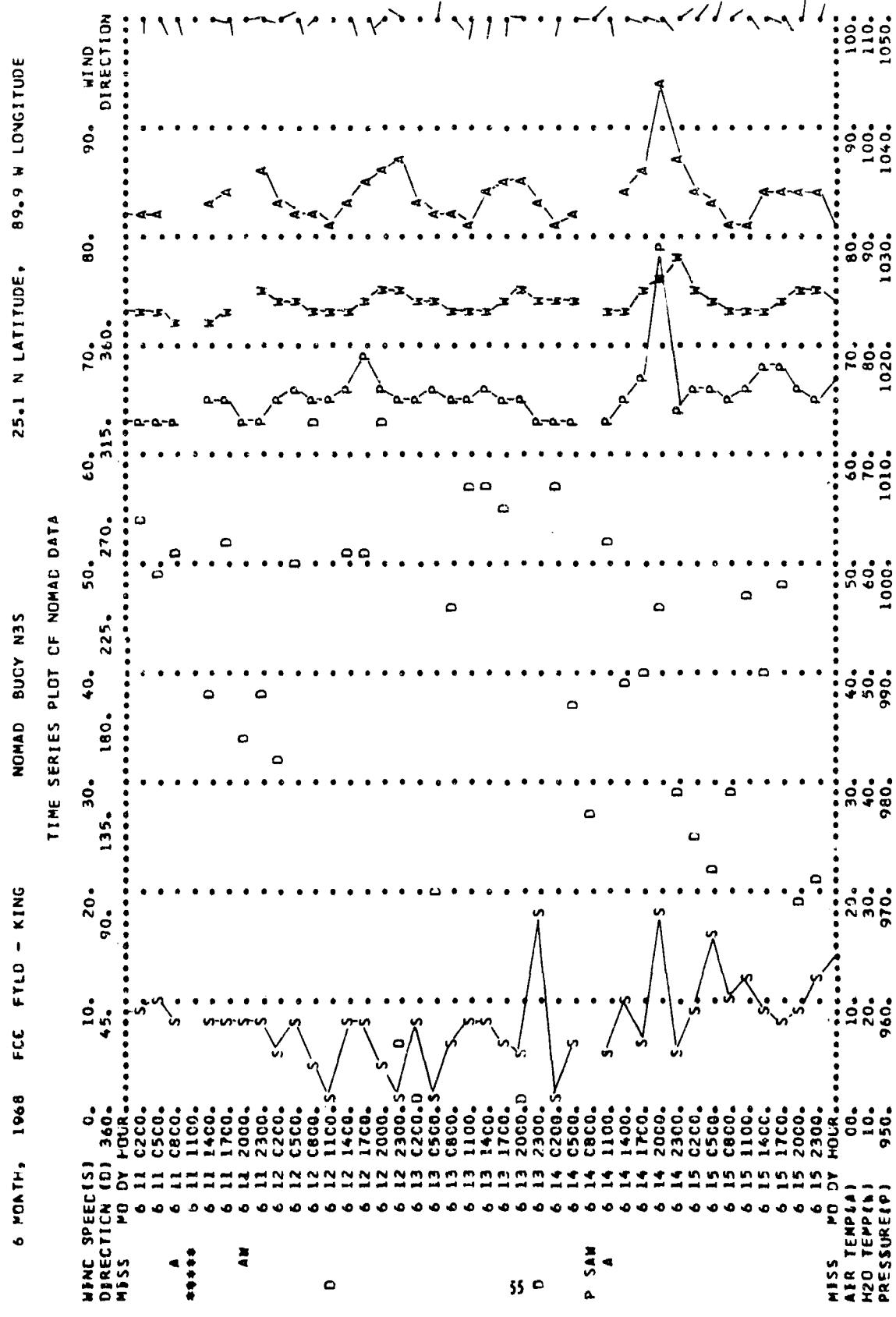
25°1' N LATITUDE, 89°9' W LONGITUDE

NCHMAD BUOY N35

THE BOSTONIAN







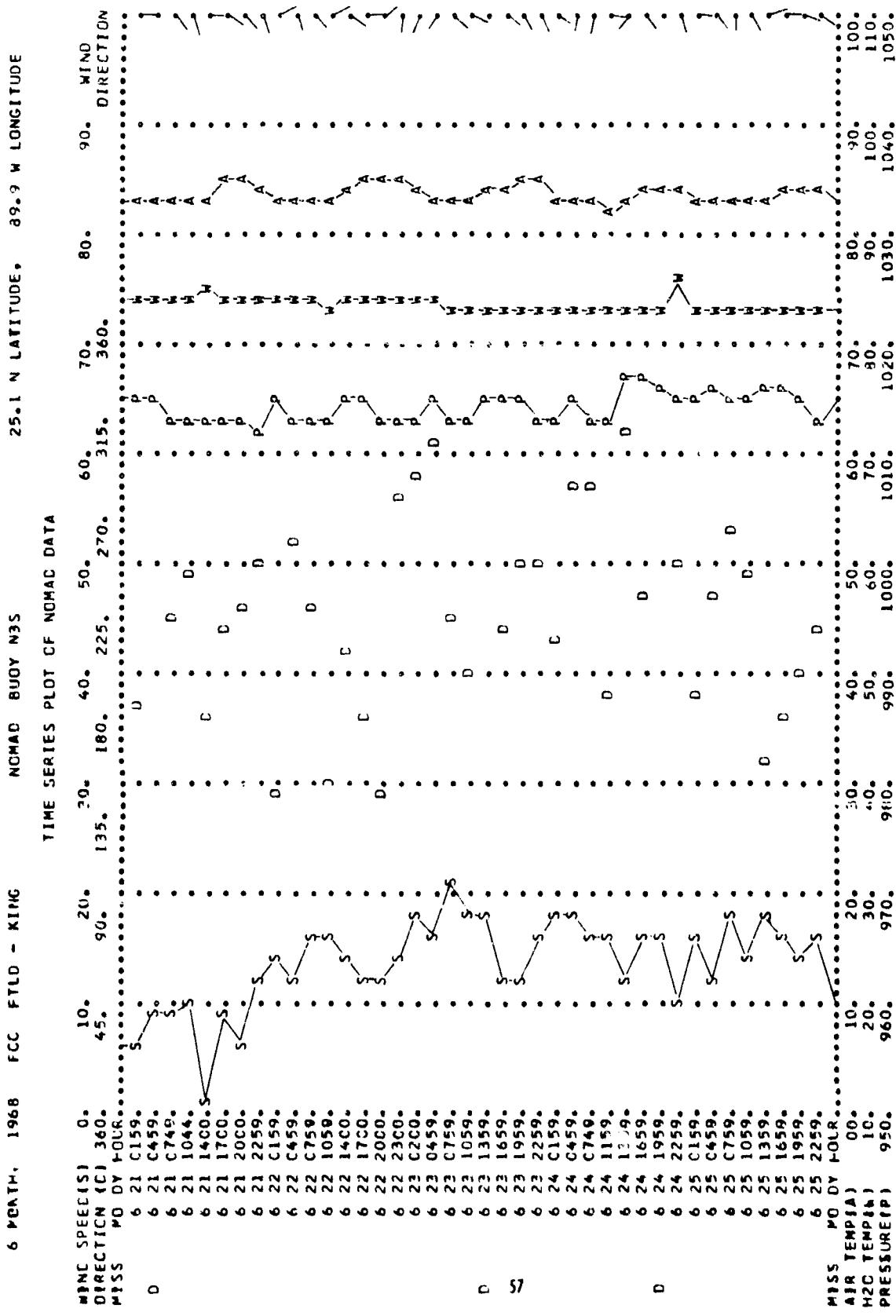
6 MONTHS 1968 FCC FILED - KING

NOMAD BUOY N35 25.1 N LATITUDE • 89.9 W LONGITUDE

The figure displays four time series plots for the CF NOMAD data across a 24-hour period. The x-axis represents the hour of the day, from 00 to 23.

- Wind Speed (S):** Shows values ranging from 0 to 100. The plot includes labels for S, D, C, and A.
- Wind Direction (D):** Shows values ranging from 0 to 360. The plot includes labels for S, D, C, and A.
- Air Temperature (CO.):** Shows values ranging from 10.0 to 105.0. The plot includes labels for S, D, C, and A.
- Water Temperature (TEMPH):** Shows values ranging from 950.0 to 1050.0. The plot includes labels for S, D, C, and A.
- Pressure (P):** Shows values ranging from 900.0 to 1000.0. The plot includes labels for S, D, C, and A.

Vertical dotted lines are present at approximately 12.5, 14.5, and 18.5 hours, corresponding to the labels C, D, and E respectively. Horizontal dotted lines are drawn at intervals of 10 units on the y-axis.



6 JUN 1968

25.1 N LATITUDE.

BUOY N3S

## TIME SERIES PLOT OF NOMAD DATA

WIND SPEED (KTS)  
DIRECTION (C)  
MISS NO DV HOUR

6 26 C360.

6 26 C159.

6 26 C459.

6 26 C759.

6 26 1059.

6 26 1359.

6 26 1659.

6 26 1959.0

P SAM

6 26 2259.

6 27 C159.

6 27 C459.

6 27 C759.

6 27 1059.

6 27 1359.

6 27 1659.

6 27 1959.

6 27 2259.

6 28 C159.

6 28 C459.

6 28 C759.

6 28 1059.

6 28 1359.

6 28 1659.

6 28 2059.

6 28 2259.

6 29 C159.

6 29 C459.

6 29 C759.

6 29 1059.

6 29 1359.

6 29 1659.

6 29 1959.0

6 29 2259.

6 30 C159.

6 30 C459.

6 30 C759.

6 30 1059.

6 30 1359.

6 30 1659.

6 30 1959.

6 30 2259.

MISS NO DV HOUR

AIR TEMP (A)

H2O TEMP (A)

PRESSURE (P)

950.

960.

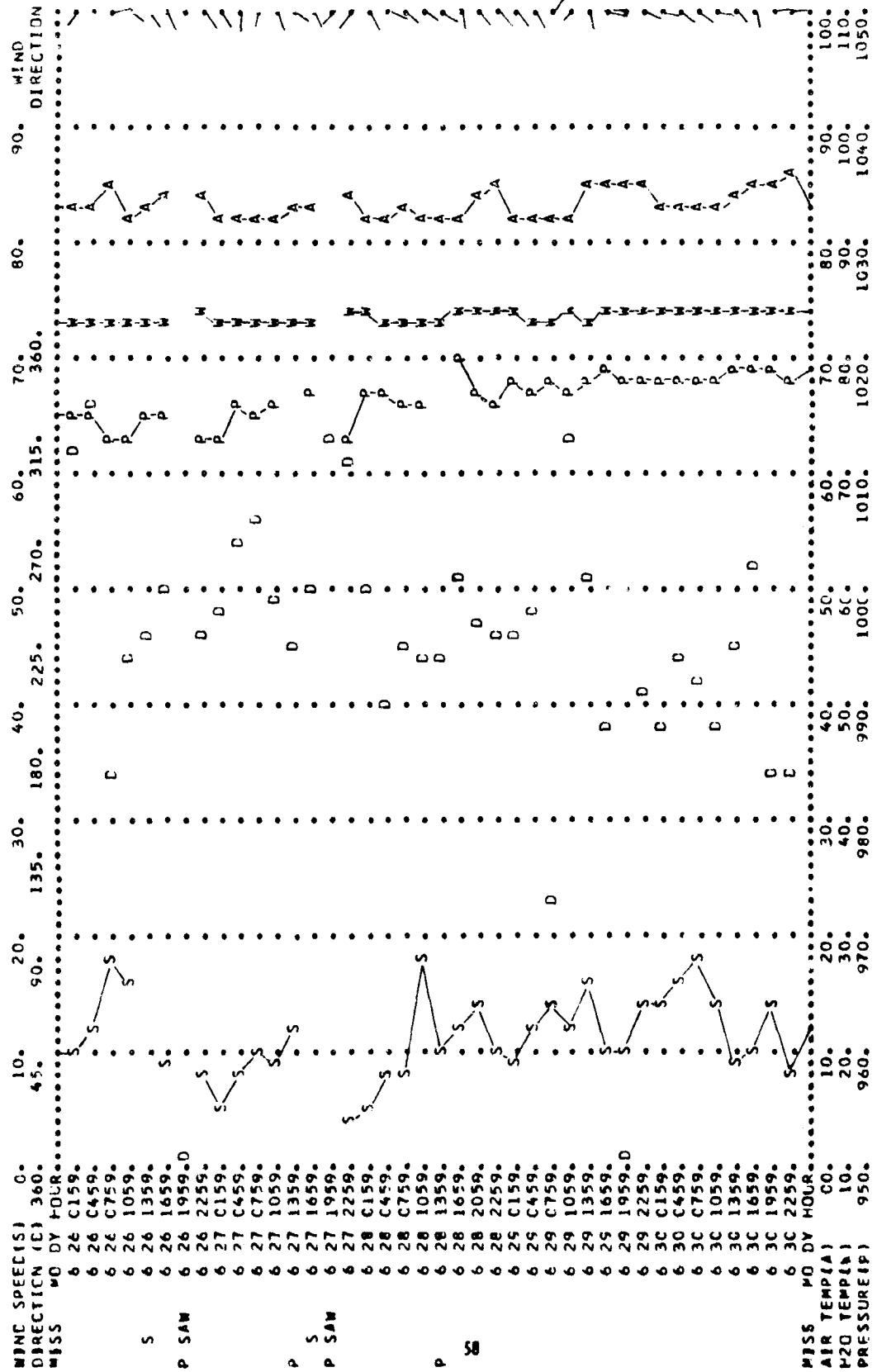
980.

1000.

1010.

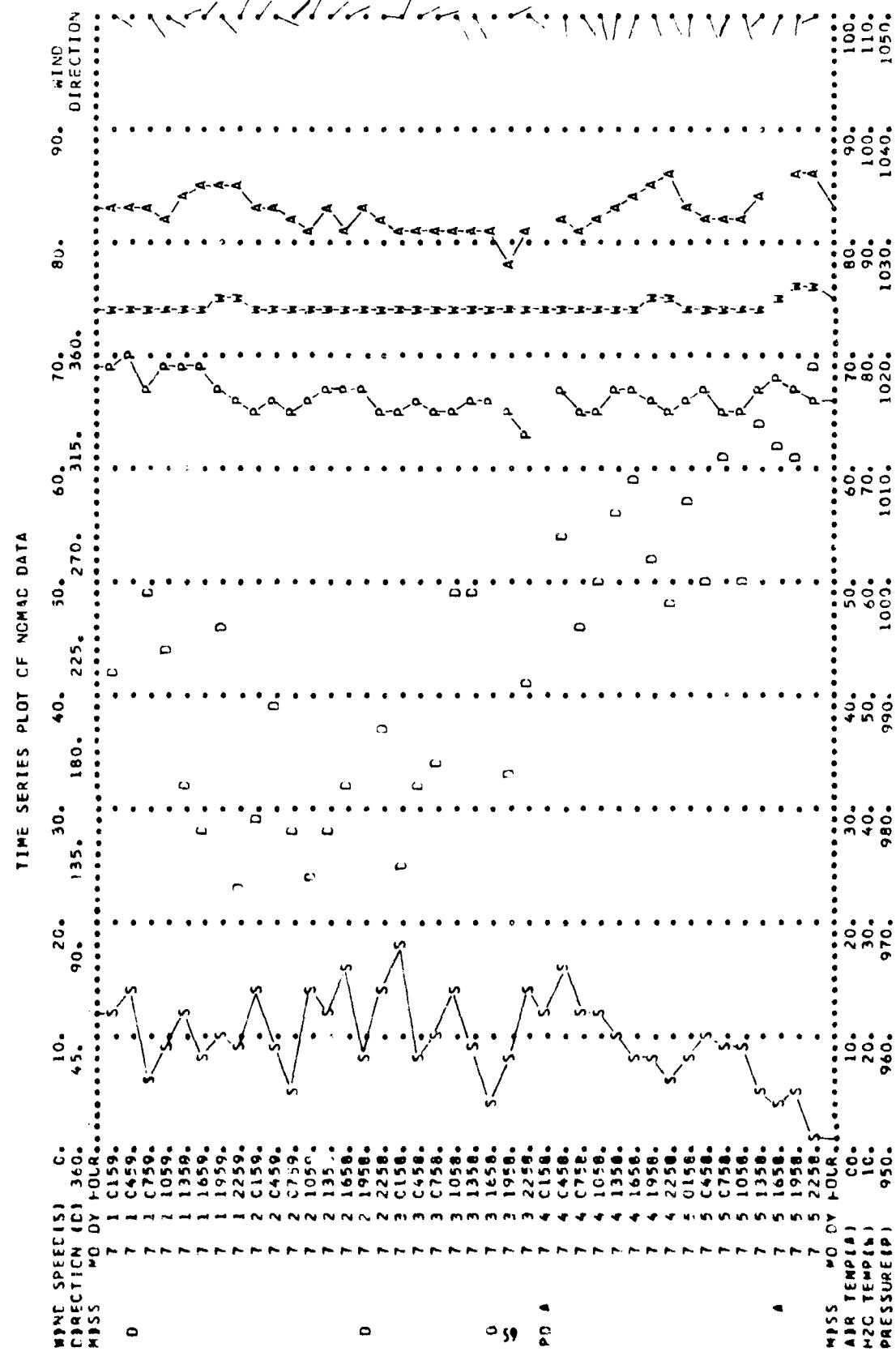
1030.

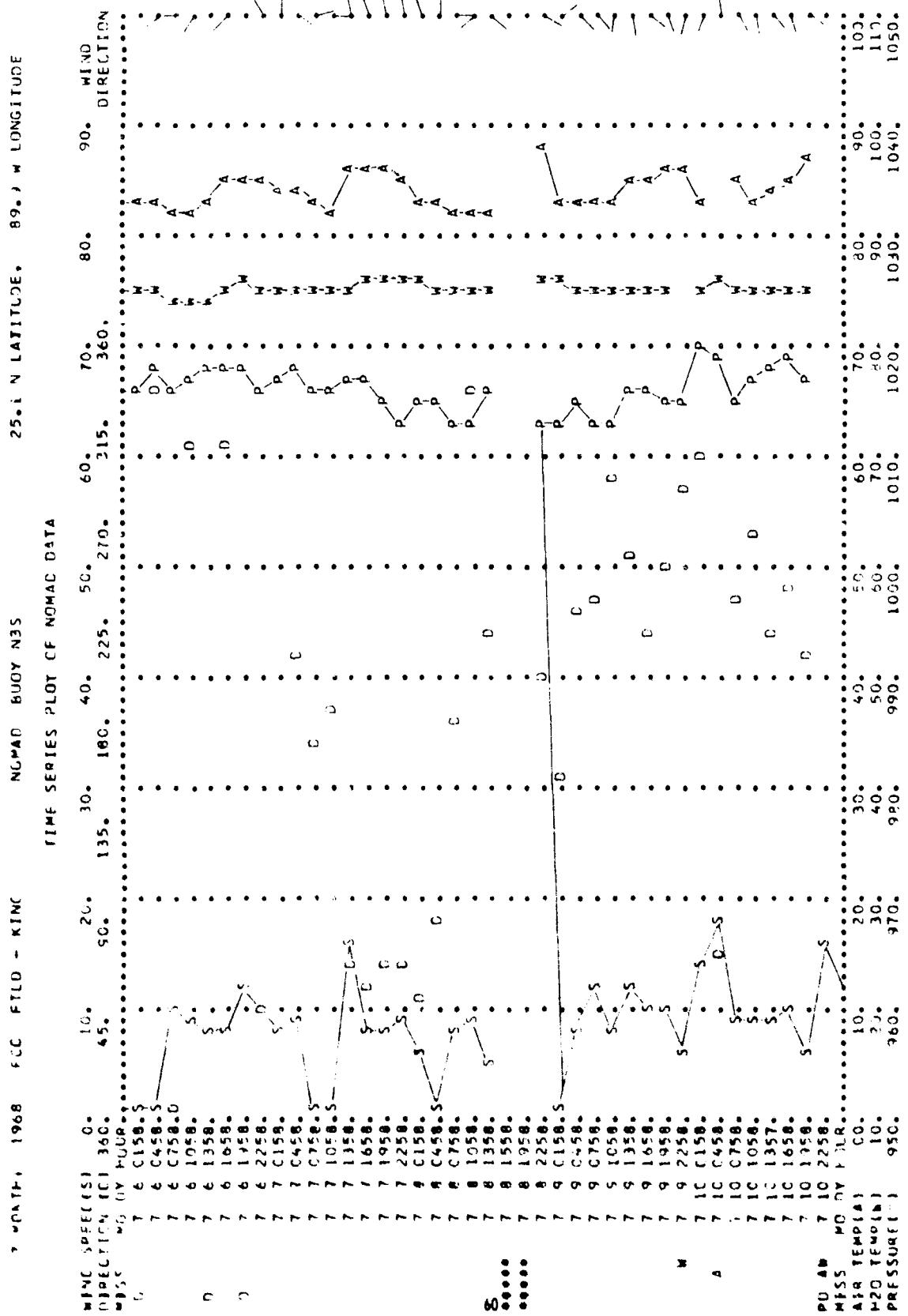
1040.

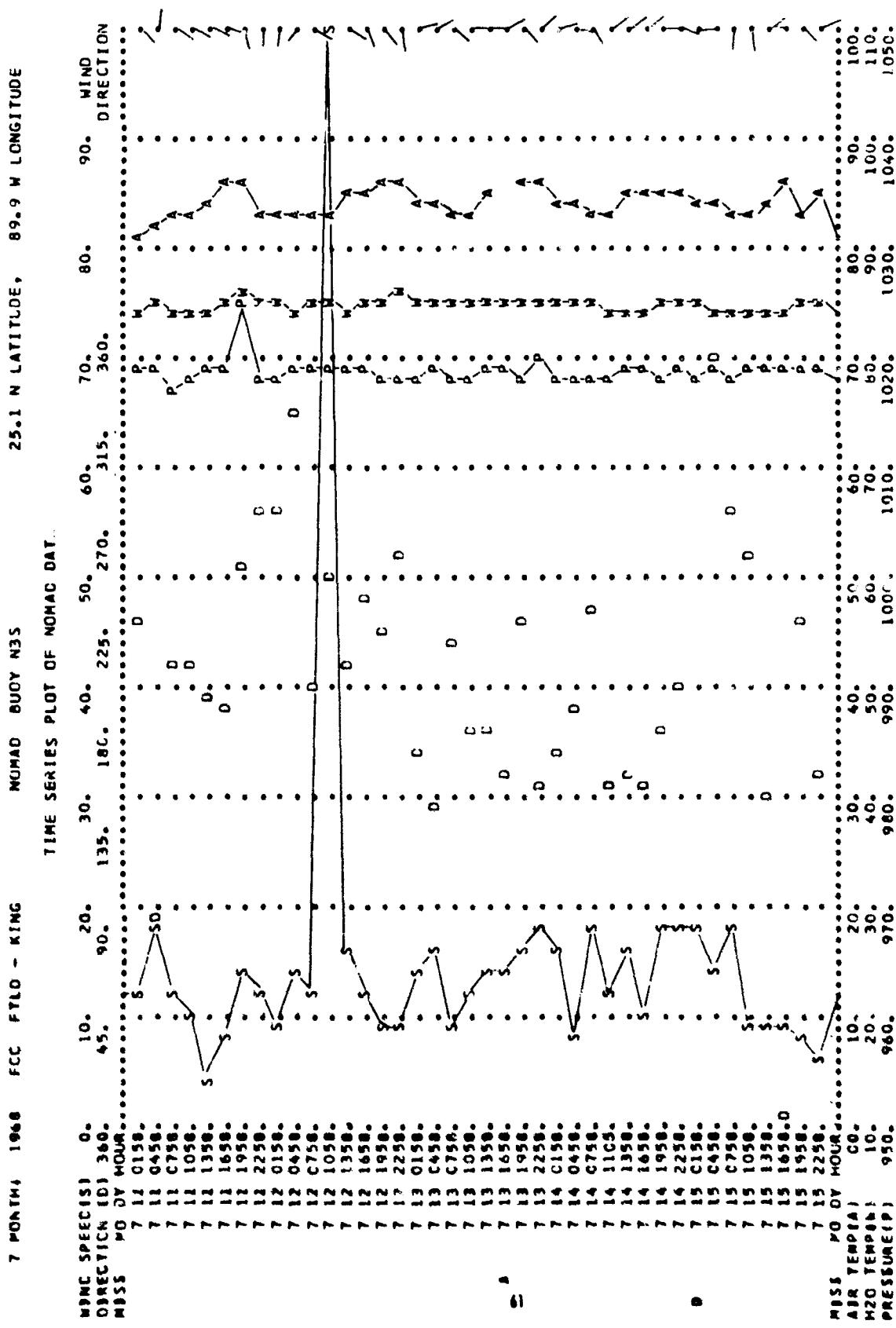


7 MCA TR-1 1968 FCC FTLD - KING

NOMAD BUOY N3S 25.1 N LATITUDE, 89.9 W LONGITUDE



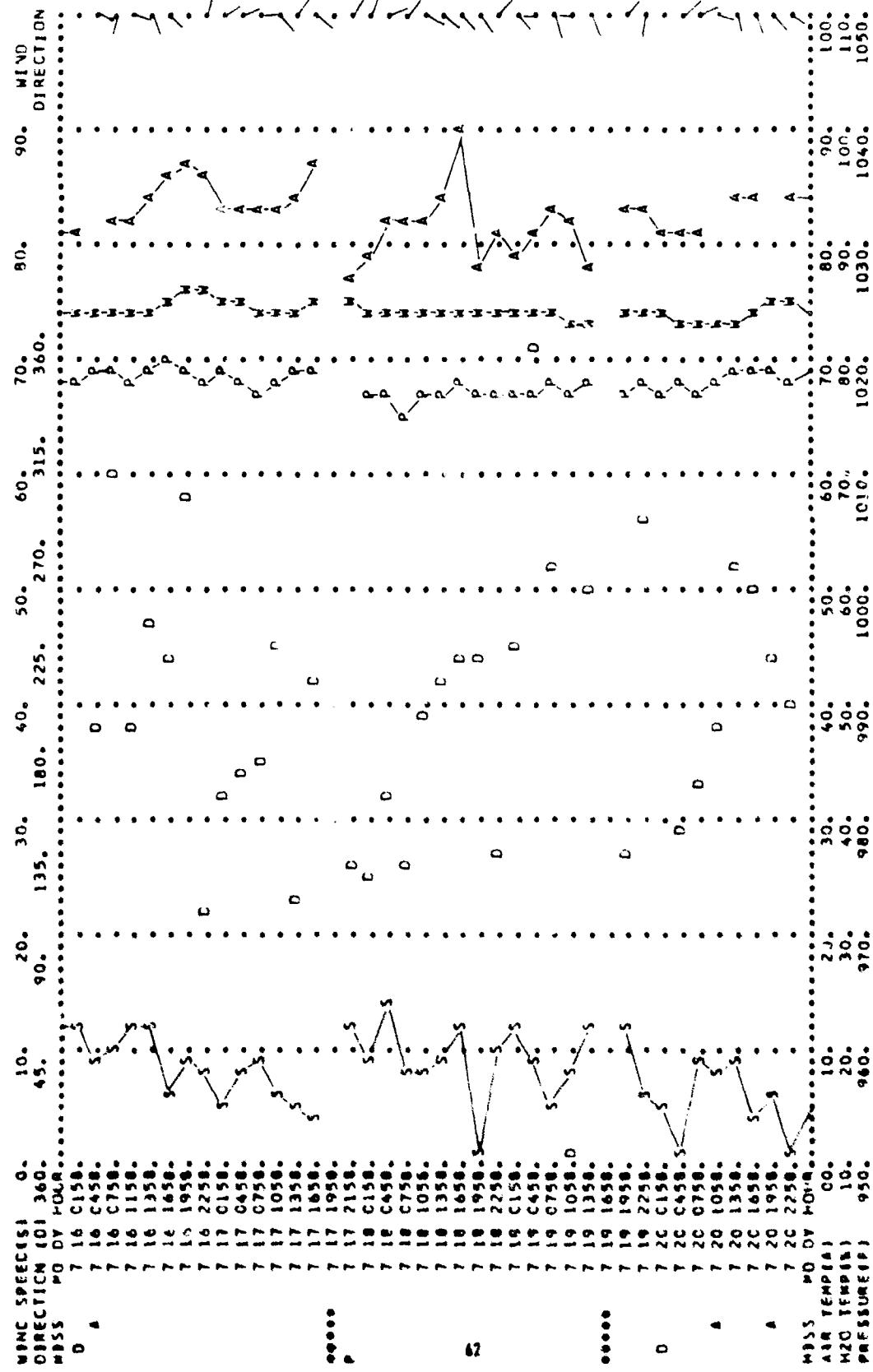




7 NOVEMBER 1968 FCC FYLC - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

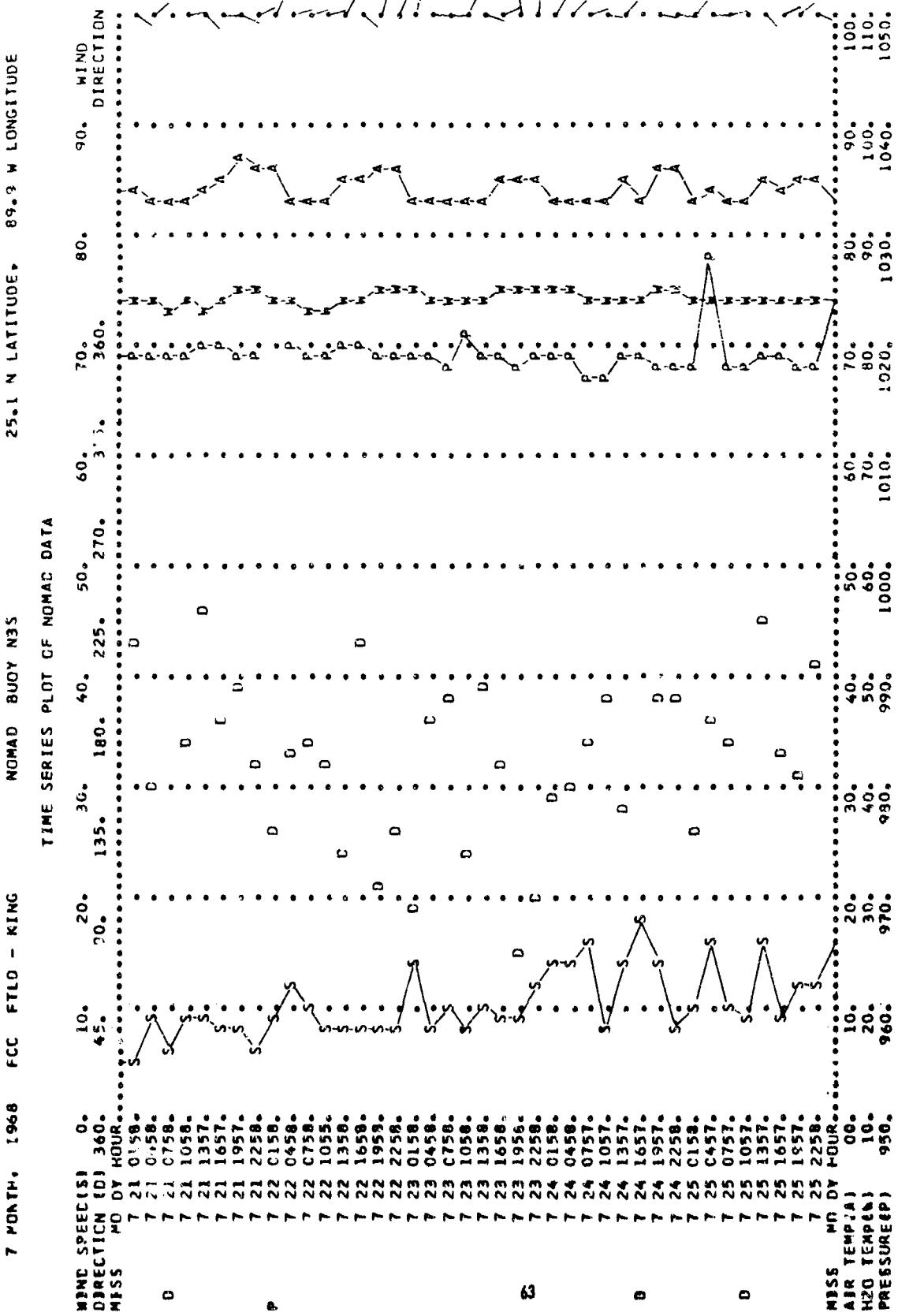
NOMAD BUOY N3S TIME SERIES PLOT OF NOMAC DATA

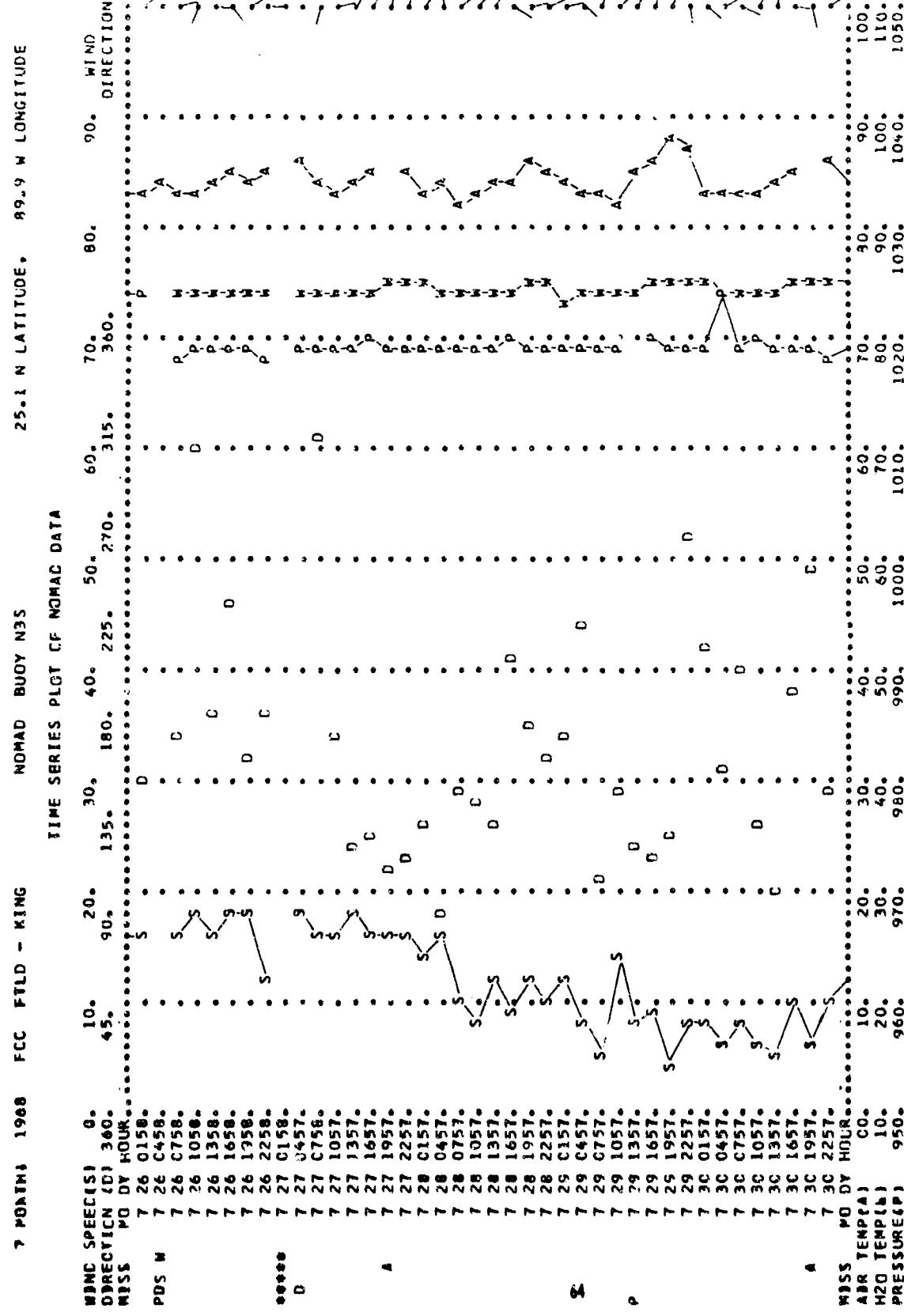


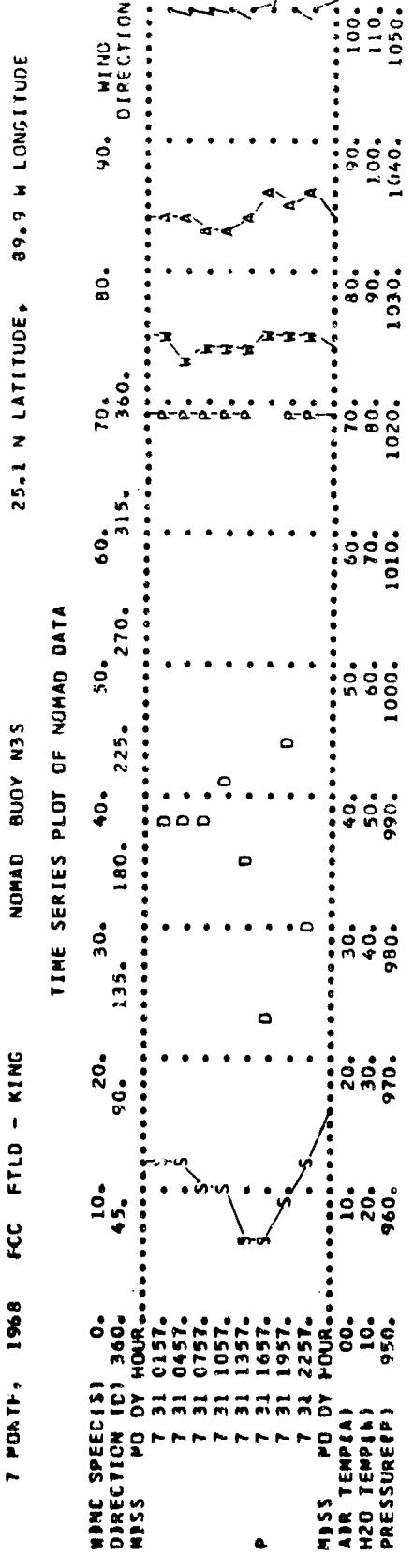
7 MONTH. 1968

FCC FTLD - KING

NOMAD BUOY N35

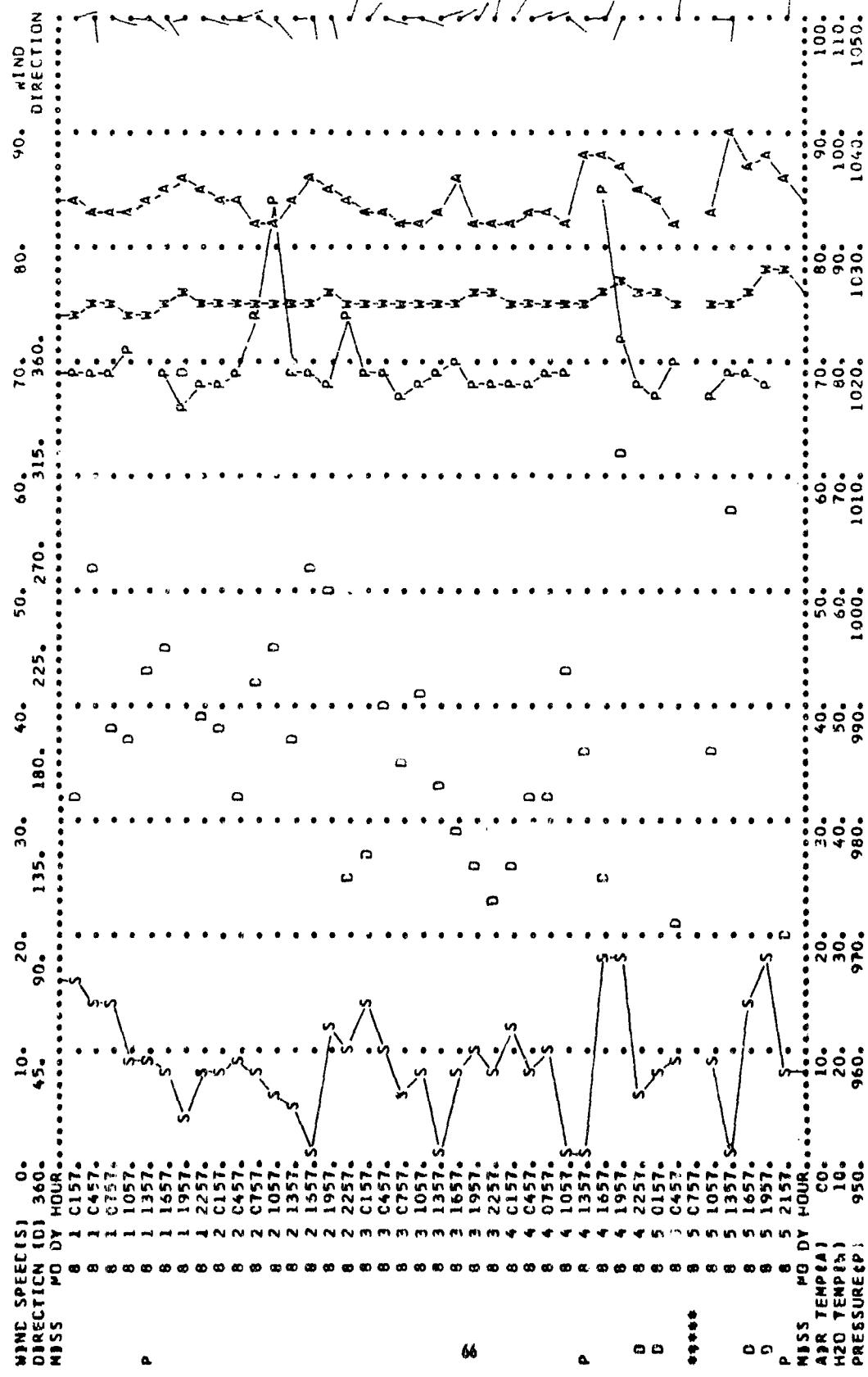


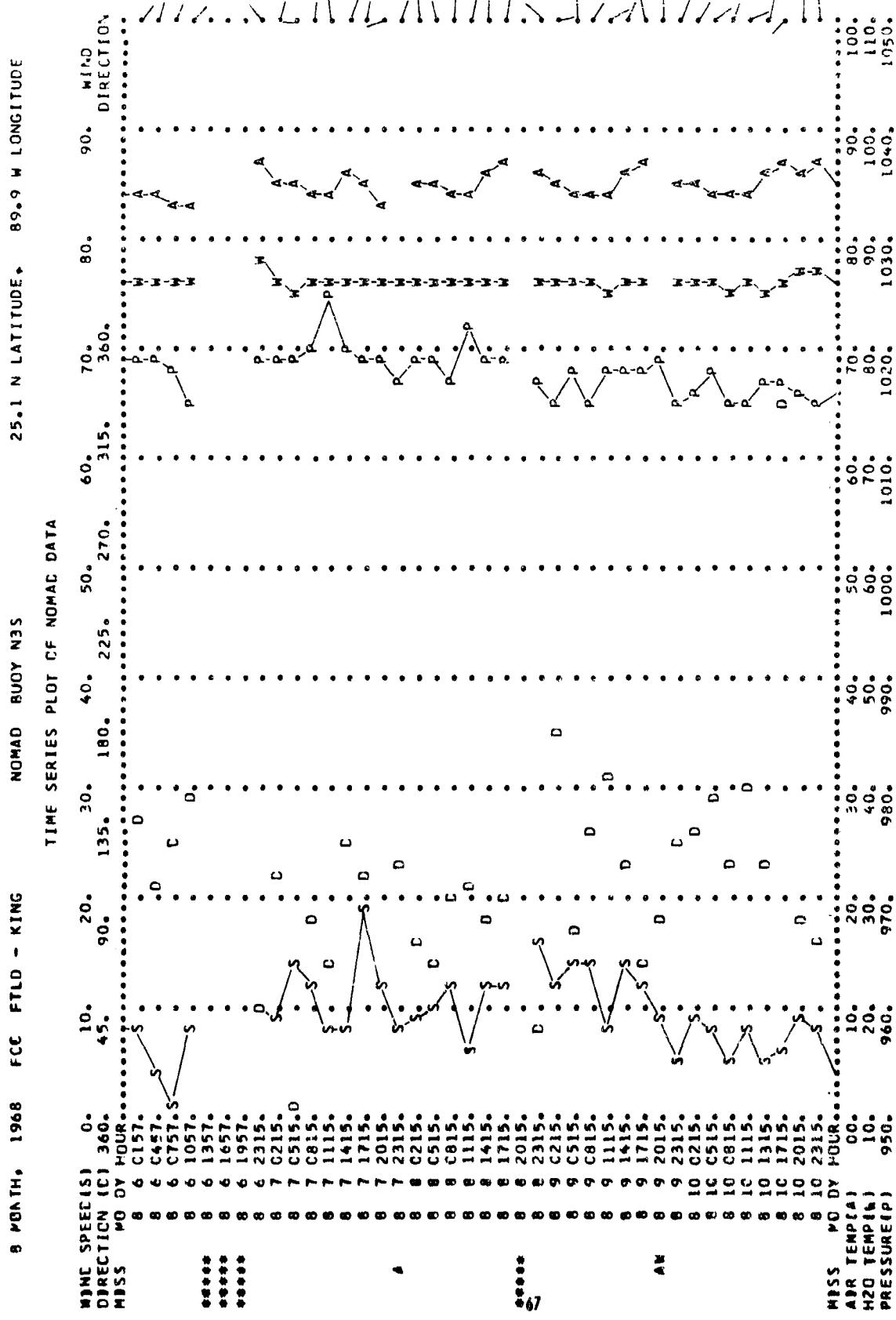




8 MONTH, 1968 FCC FTLD - KING

NOMAD BUOY N35

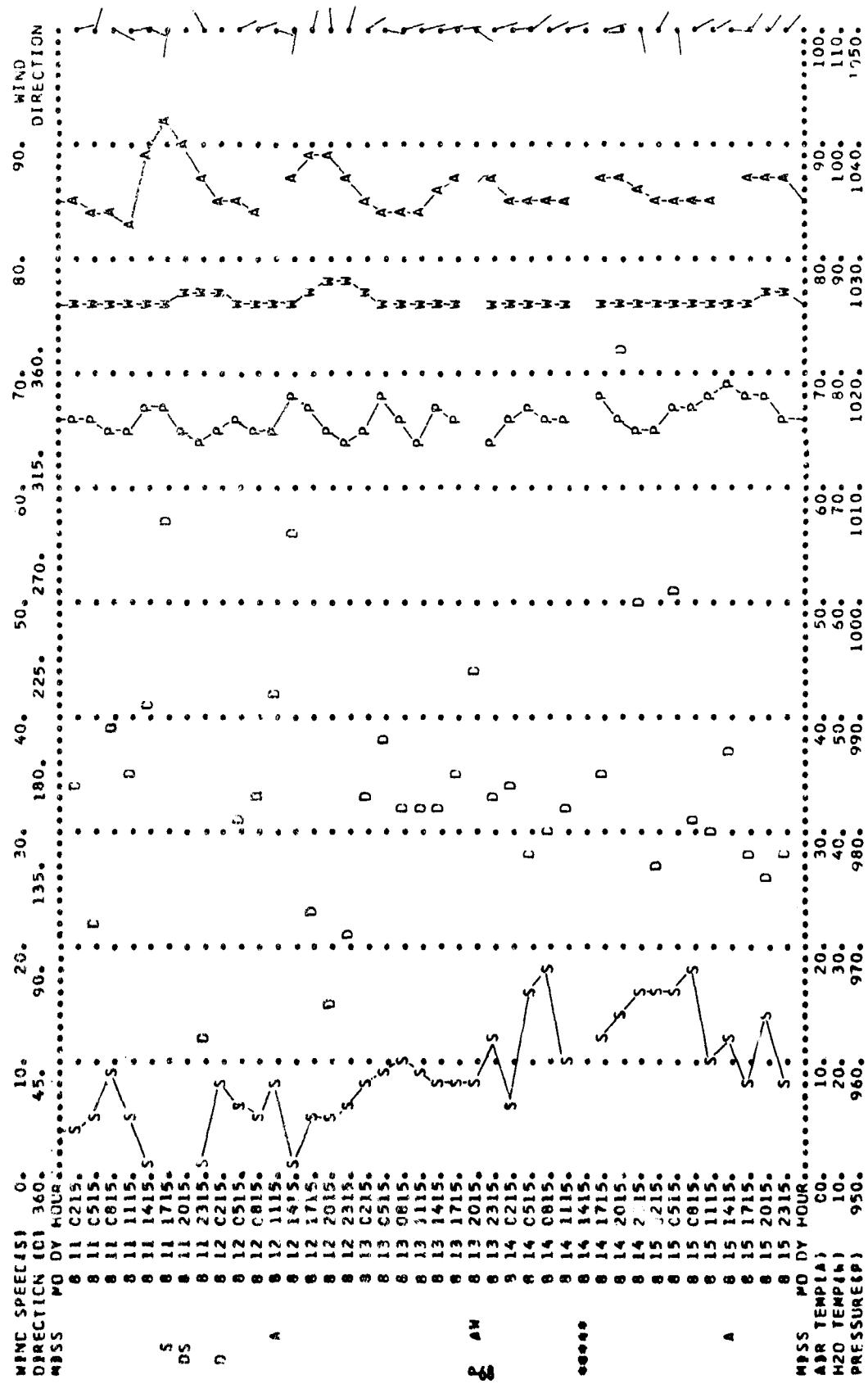


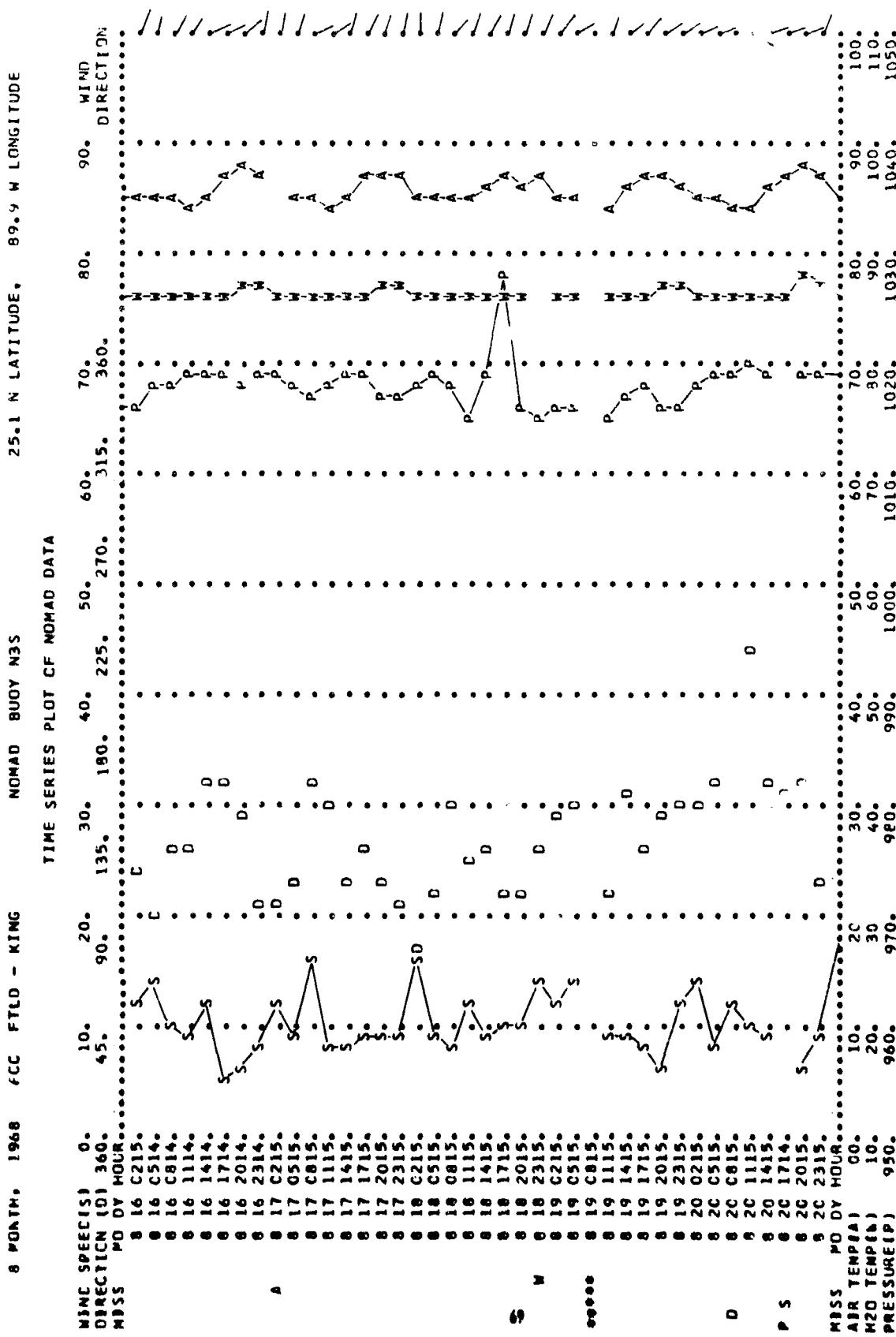


8 WCAIR, 1968 FCC FTLD - KING

NOMAD BUOY N2S

25°1' LATITUDE, 89°9' LONGITUDE

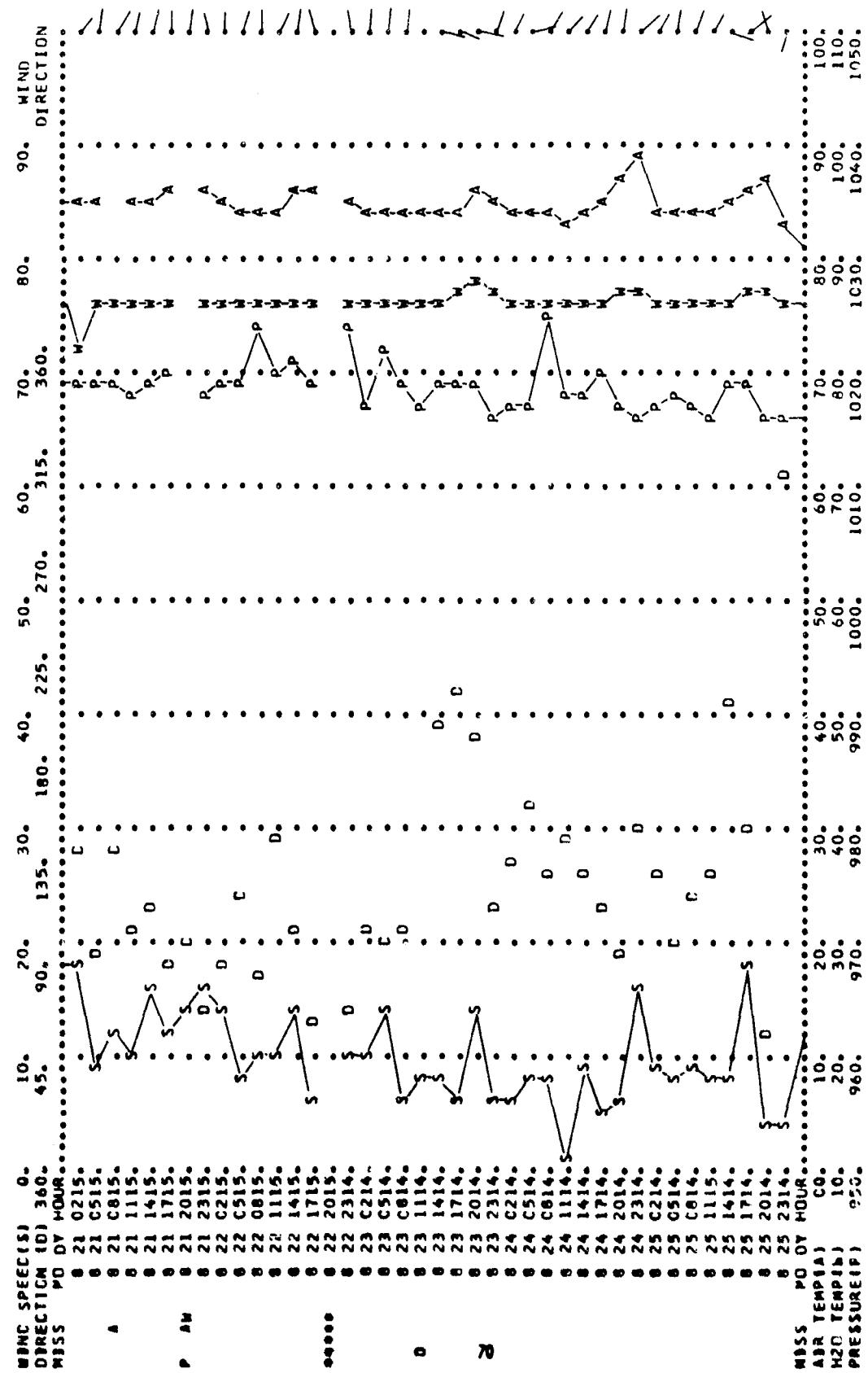


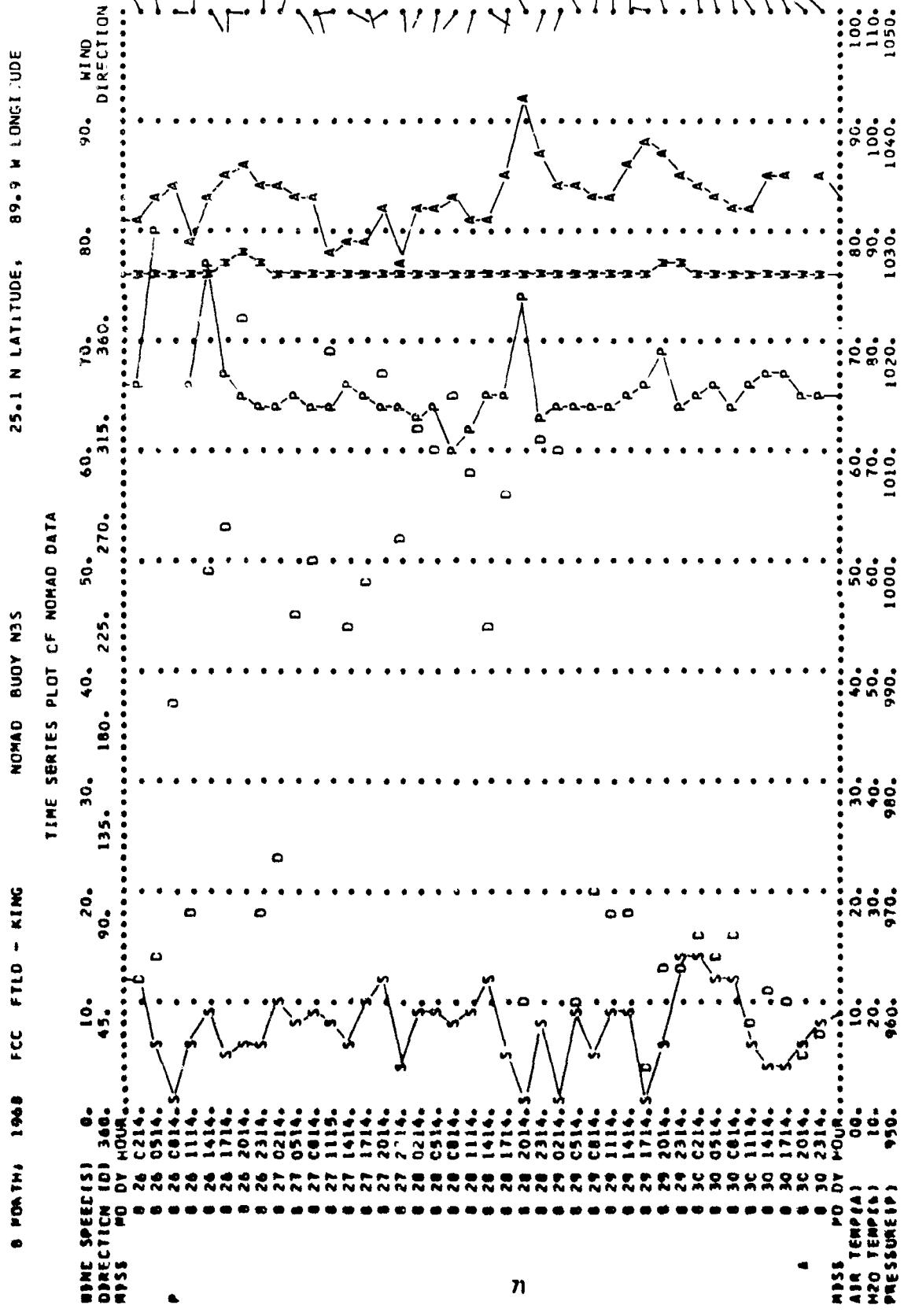


8 MONTHS - 1968 FCC FILED - KING

NOMAD BUOY N35

25.1 N LATITUDE, 89.9 W LONGITUDE



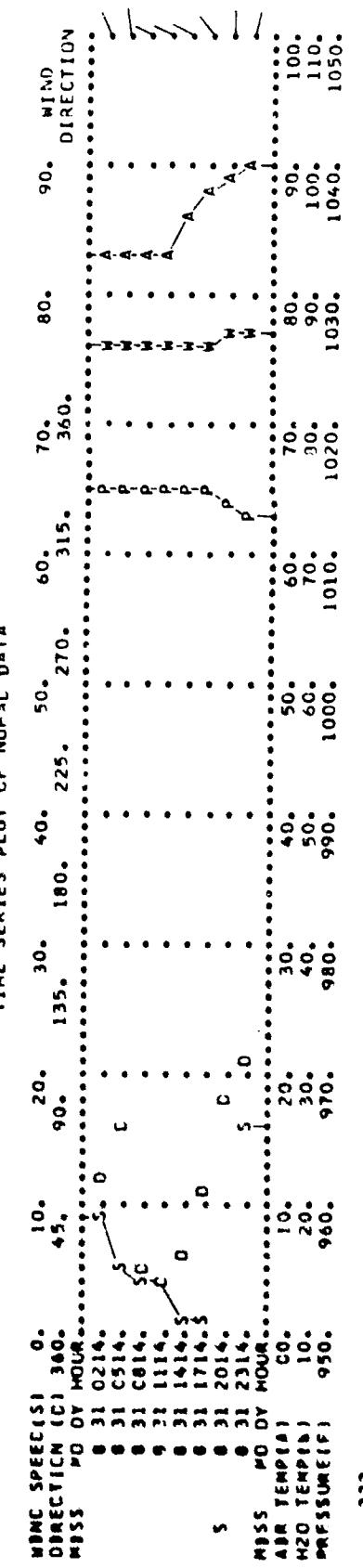


8 NOV 1968

25.1 N LATITUDE, 89.9 W LONGITUDE

FYLD - KING

NOMAD BUOY N35

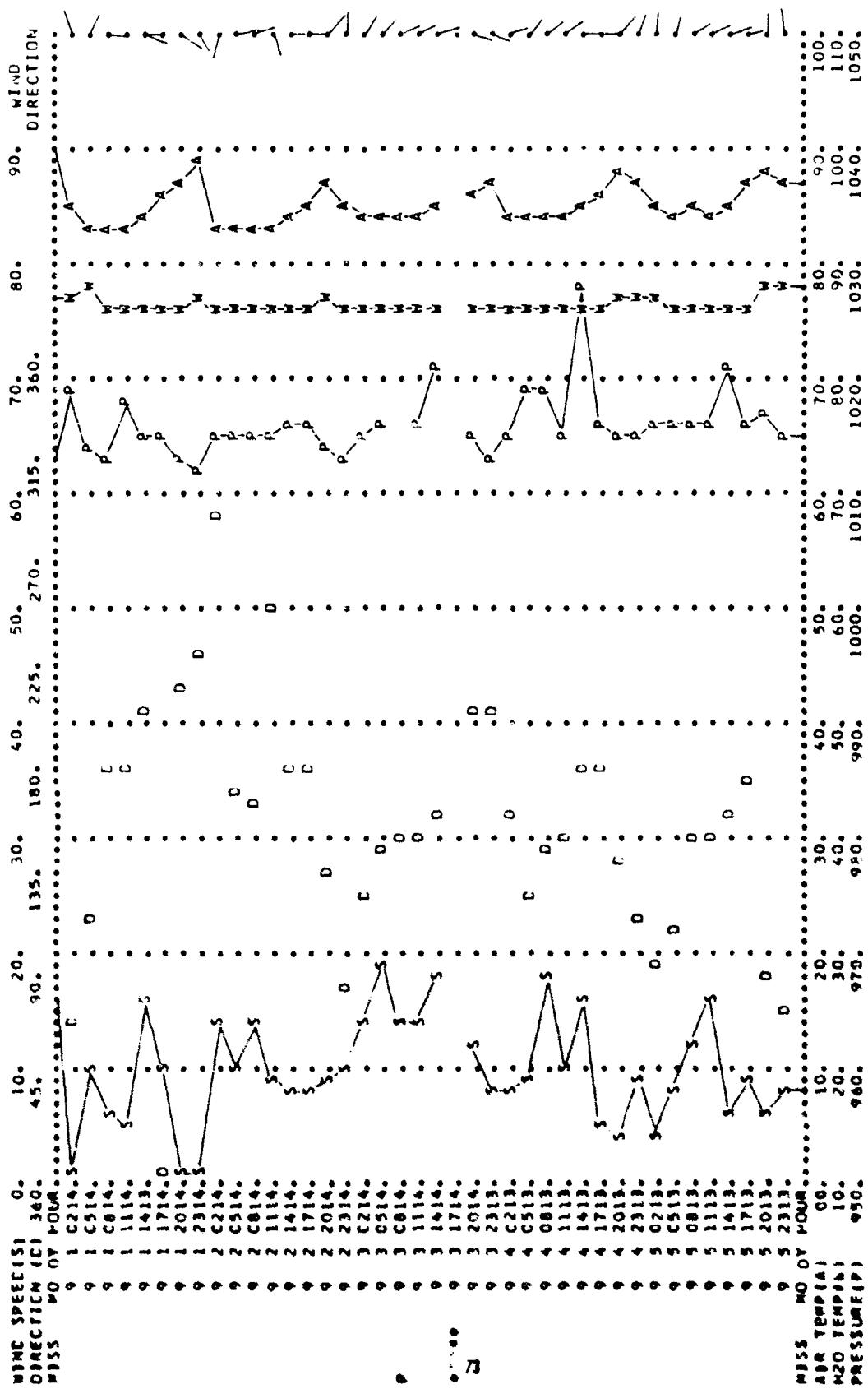


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FEDERAL COMMUNICATIONS COMMISSION

SEN ÅONA OVHOM

25.1 N LATITUDE, 89.9 W LONGITUDE



THE JOURNAL OF CLIMATE

NOMAC BUONA NNS

25° 1' N LATITUDE - 89° 3' W LONGITUDE

WINE SPECIES I  
CONNECTION ICI 140.  
MESS PRO OY HUGA.

TIME SERIES PLOT CF NOMAD DATA

The figure consists of two vertically stacked panels sharing a common x-axis representing time from 1960 to 1979.

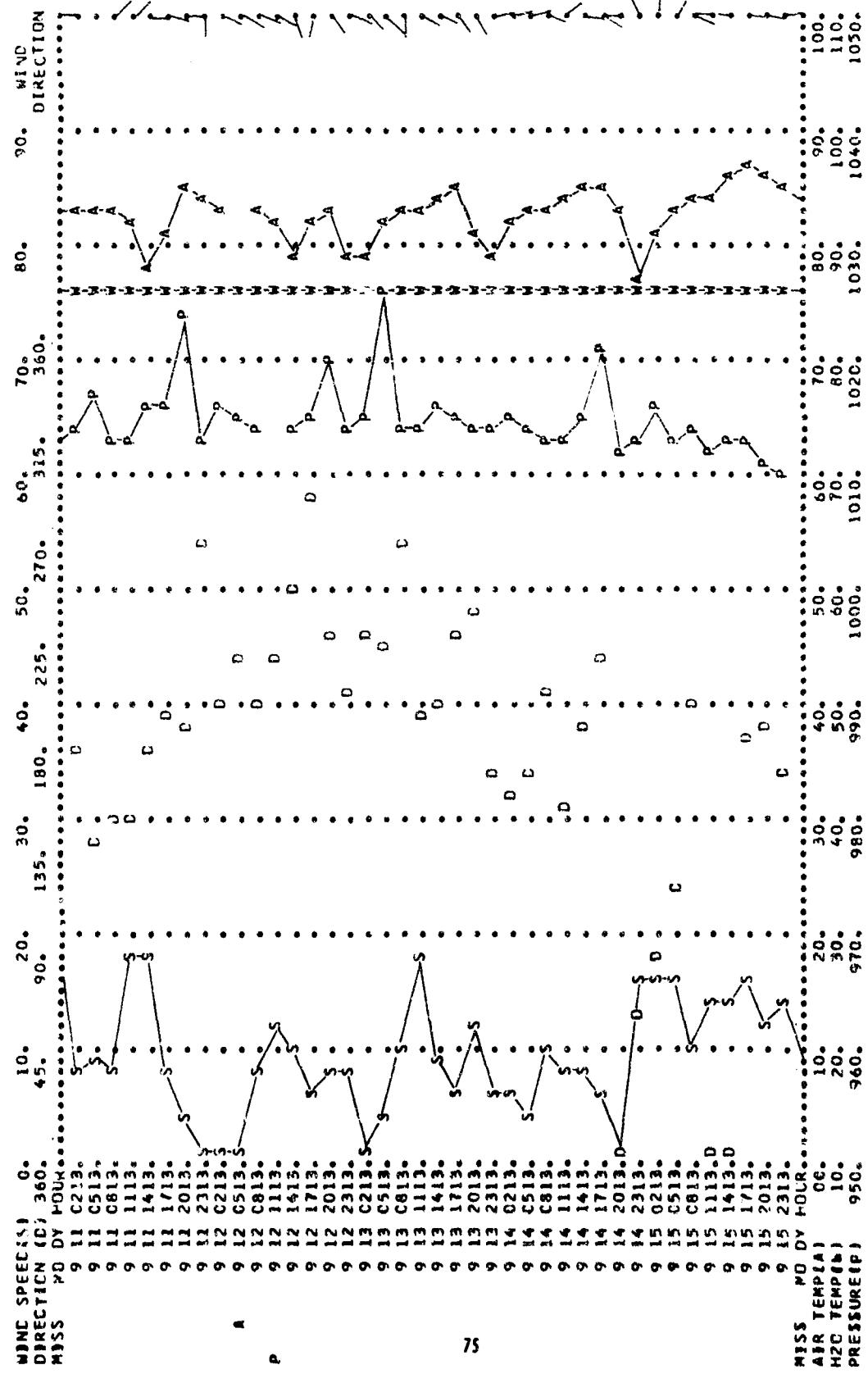
**Top Panel:** This panel displays wind direction and wind speed. The y-axis ranges from 0 to 90 degrees. The uppermost line, marked with 'A' symbols, represents wind direction, which fluctuates between approximately 80° and 90°. The lower line, marked with 'P' symbols, represents wind speed, which remains relatively constant around 75 mph. A vertical line is drawn at approximately 1974.5.

**Bottom Panel:** This panel displays wind speed and direction. The y-axis ranges from 0 to 1000 mph. The upper line, marked with 'D' symbols, represents wind speed, showing significant fluctuations between 0 and 1000 mph. The lower line, marked with 'C' symbols, represents wind direction, fluctuating between 0 and 360 degrees. A vertical line is drawn at approximately 1974.5.

9 PRACTH, 1968 FCC FTLO - KING

SEN AONG OWN

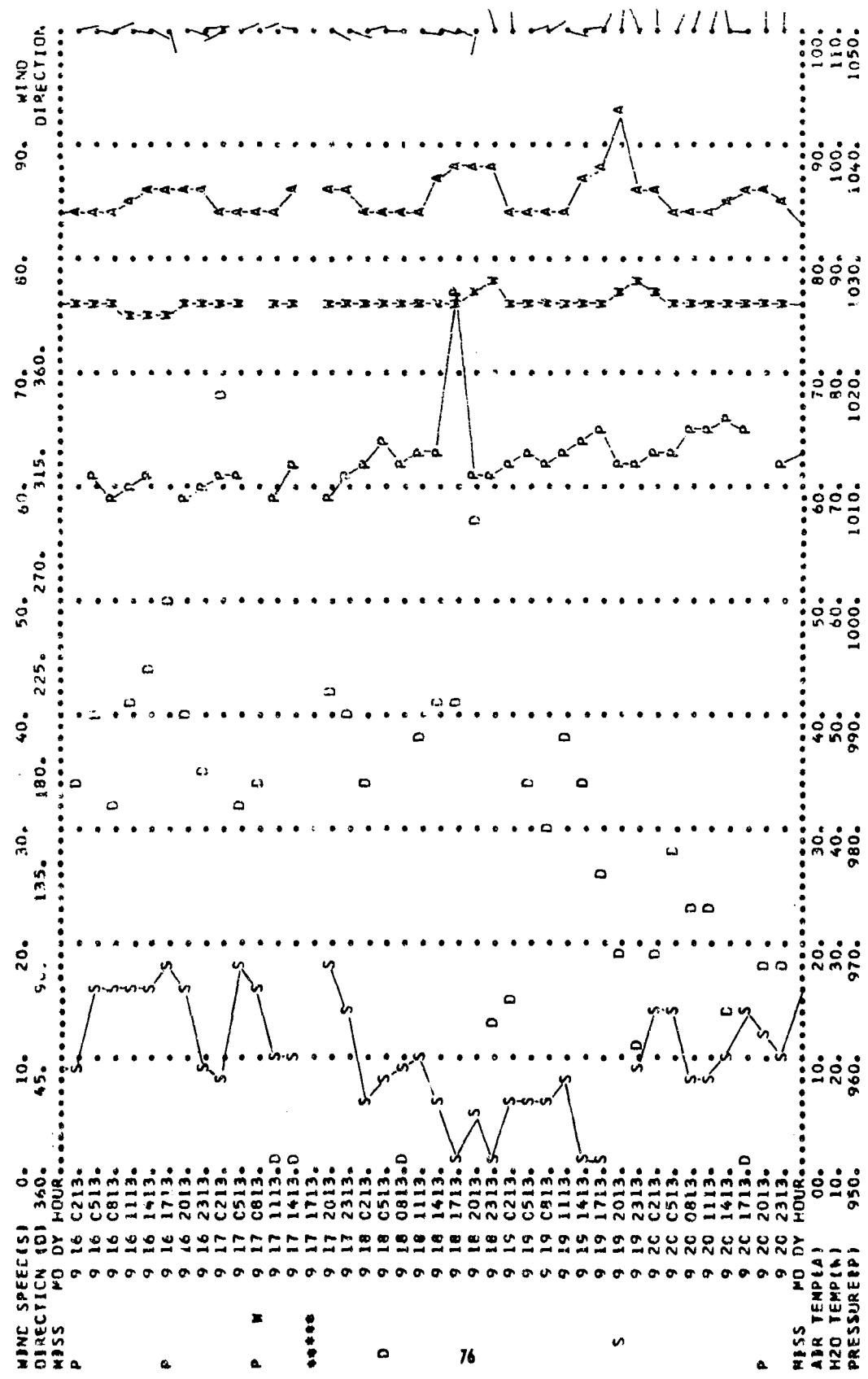
25° 1' N LATITUDE, 89° 9' W LONGITUDE

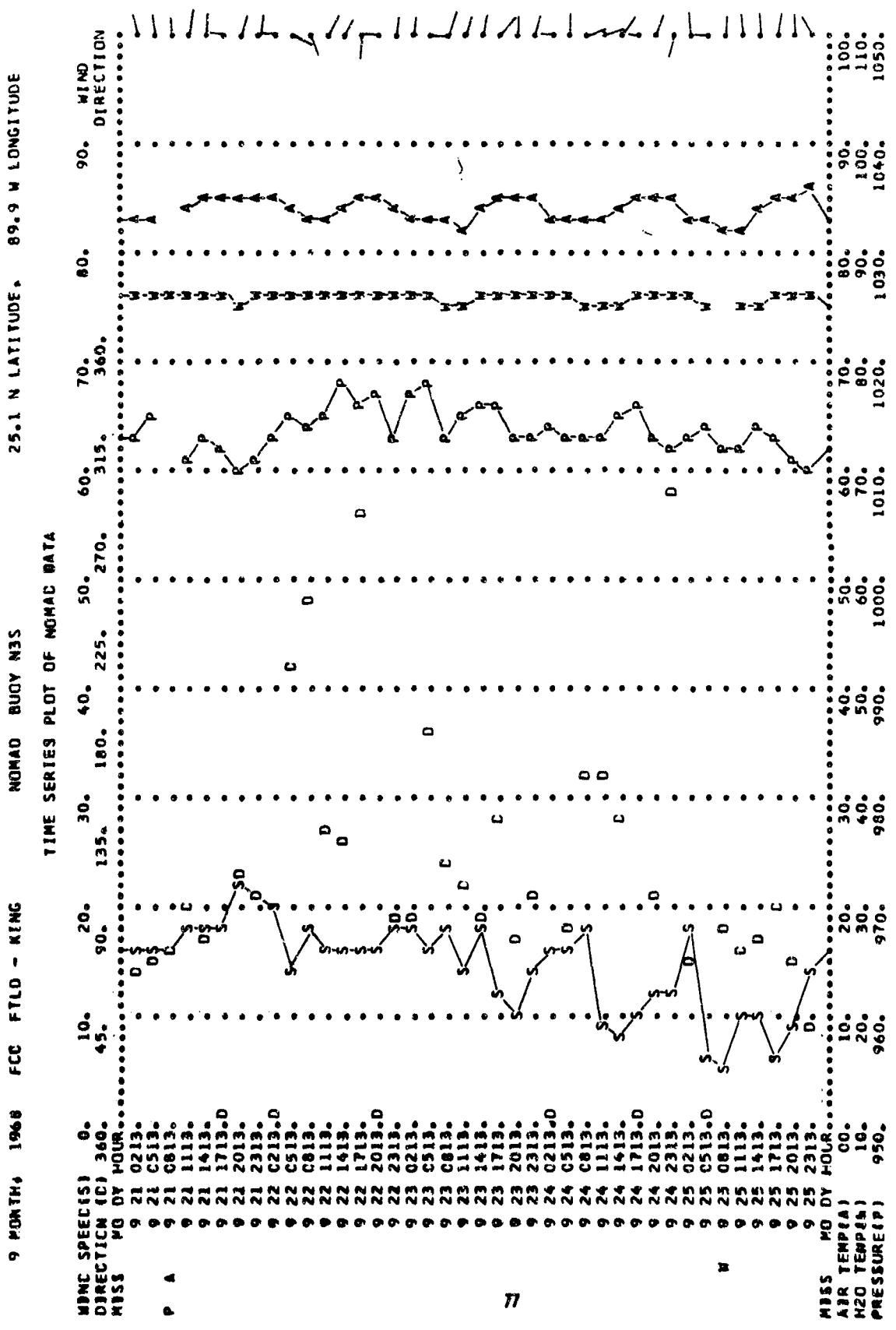


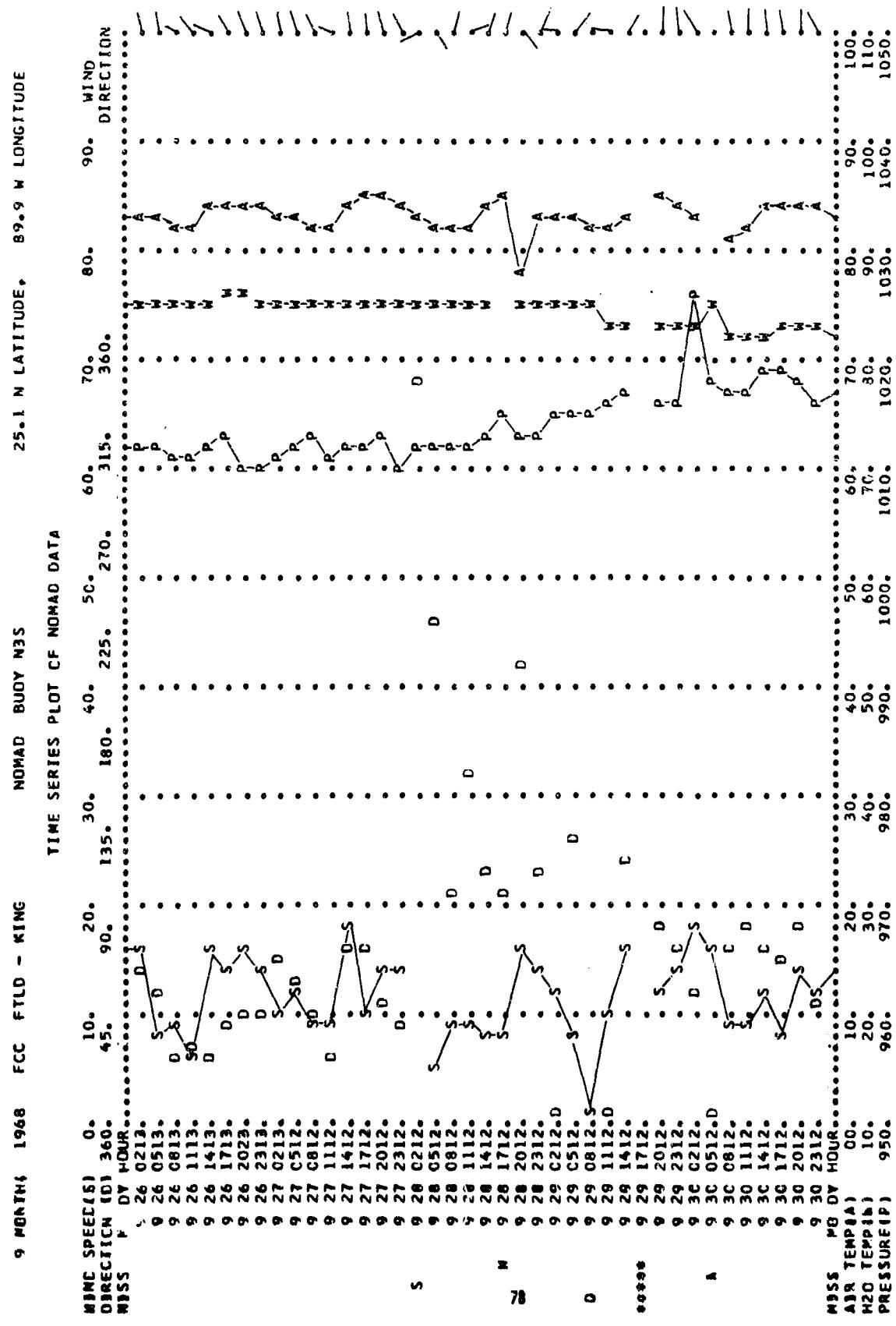
3 POTHIN, 1968 FCC FILED - KXNG

SEM 1000

25.1 N LATITUDE, 89.9 W LONGITUDE







10 MARCH, 1963

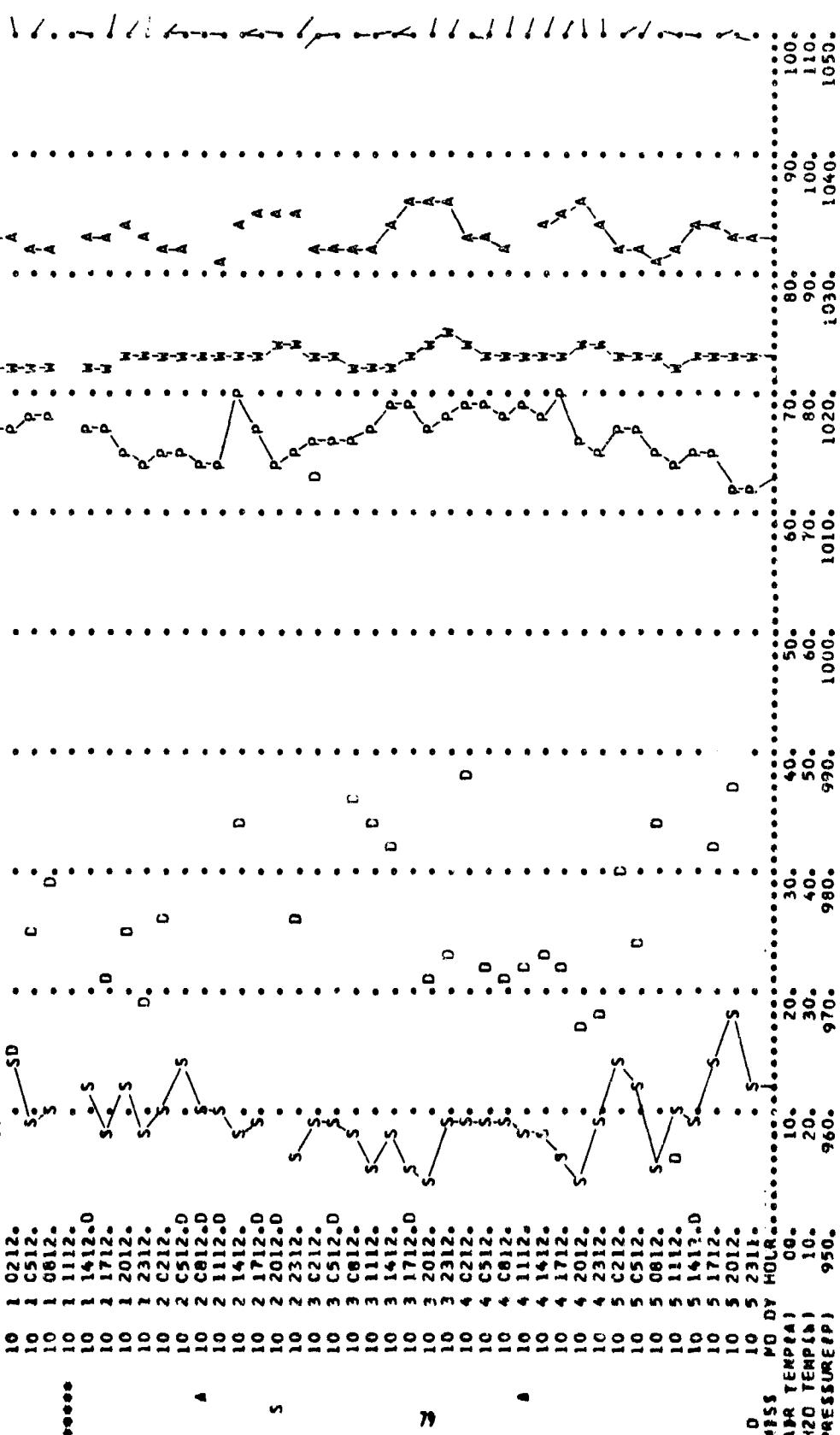
FCC FTID - KING

NOMAD BUOY N35

TIME SERIES PLOT OF NOMAD DATA

WIND SPEED (KTS) 0. 10. 20. 30. 40. 50. 60. 70. 80. 90. WIND DIRECTION (DEG) 360. 270. 180. 90. 0. 315. 225. 135. 30. 20. 10. 90. DIRECTION  
MISS PD DV HOUR.....  
10 1 0212. SD  
10 1 C512.  
10 1 0812.  
10 1 1112.  
10 1 1412. 0  
10 1 1712.  
10 1 2012.  
10 1 2312.  
10 2 0212. 0  
10 2 0812. 0  
10 2 1112. 0  
10 2 1412. 0  
10 2 1712. 0  
10 2 2012. 0  
10 3 0212. 0  
10 3 0812. 0  
10 3 1112. 0  
10 3 1412. 0  
10 3 1712. 0  
10 3 2012.  
10 3 2312.  
10 4 0212. 0  
10 4 0812. 0  
10 4 1112. 0  
10 4 1412. 0  
10 4 1712. 0  
10 4 2012.  
10 4 2312.  
10 5 0212. 0  
10 5 0812. 0  
10 5 1112. 0  
10 5 1412. 0  
10 5 1712. 0  
10 5 2012.  
10 5 2312.

MISS PD DV HOUR.....  
ABR TEMP(1) 09. 10. 20. 30. 40. 50. 60. 70. 80. 90. 100.  
H2O TEMP(1) 10. 20. 30. 40. 50. 60. 70. 80. 90. 100. 110.  
PRESSURE(FP) 950. 960. 970. 980. 990. 1000. 1010. 1020. 1030. 1040. 1050.



10 MONTHS

1968 FCC FIELD - KING

NOMAD BUOY N35

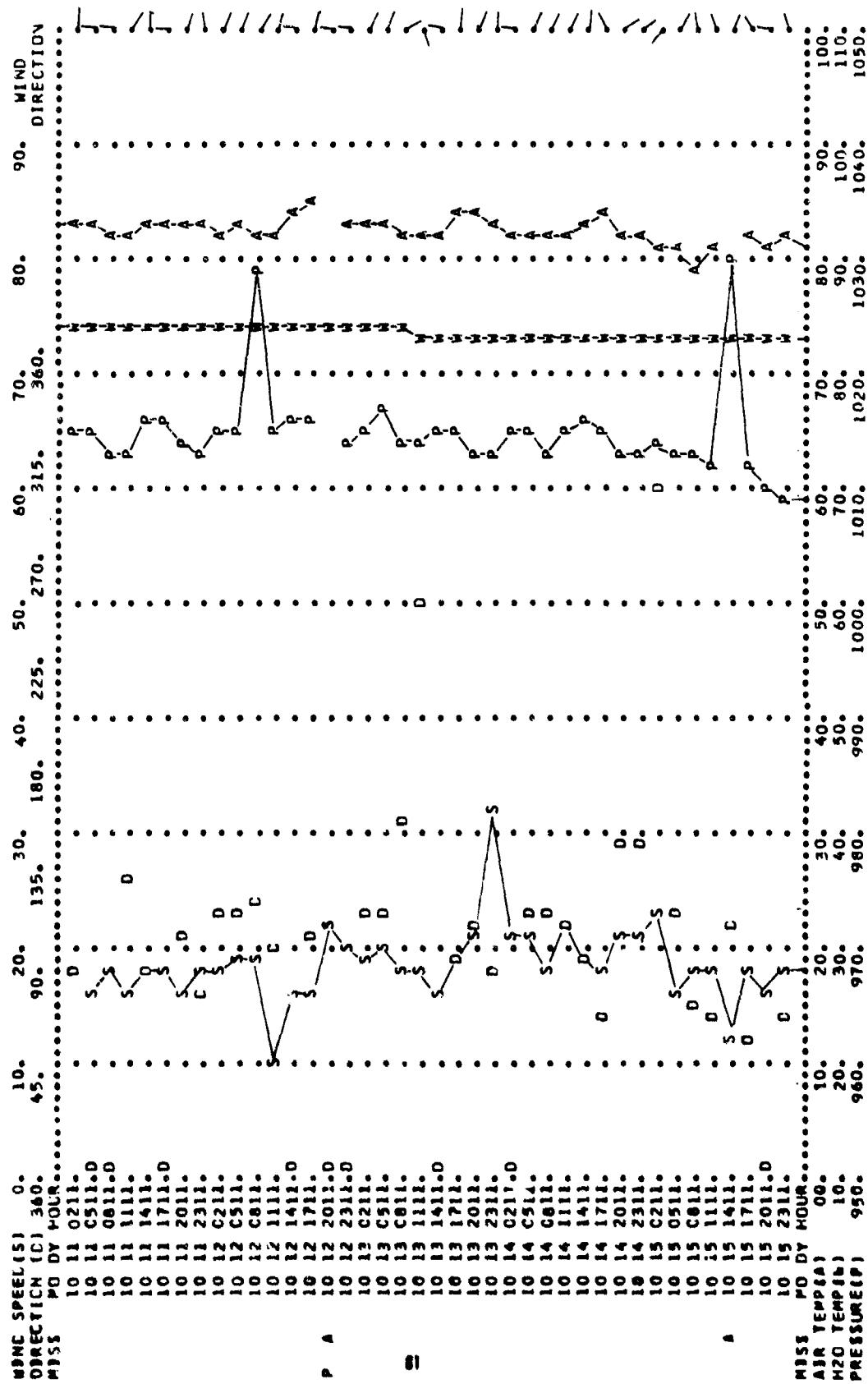
25.1 N LATITUDE + 89.9 W LONGITUDE

MISS NO	MISS MO	MISS DAY	MISS HOUR	WIND SPEED (KTS)	WIND DIRECTION (DEG)
P	10	6	0511.	0.	360.
P	10	6	0512.0	0.	360.
P	10	6	C211.	0.	360.
P	10	6	1111.	0.	360.
P	10	6	1411.	0.	360.
P	10	6	1711.	0.	360.
P	10	6	2011.	0.	360.
P	10	6	2311.	0.	360.
P	10	7	1111.	0.	360.
P	10	7	1411.	0.	360.
P	10	7	1711.	0.	360.
P	10	7	C211.	0.	360.
P	10	7	C511.	0.	360.
P	10	8	1111.	0.	360.
P	10	8	1411.	0.	360.
P	10	8	1711.	0.	360.
P	10	8	2011.	0.	360.
P	10	8	2311.	0.	360.
P	10	9	1111.	0.	360.
P	10	9	0811.	0.	360.
P	10	9	0511.	0.	360.
P	10	9	0811.0	0.	360.
P	10	9	1111.0	0.	360.
P	10	9	1411.0	0.	360.
P	10	9	1711.0	0.	360.
P	10	10	0811.	0.	360.
P	10	10	1111.	0.	360.
P	10	10	1411.	0.	360.
P	10	10	1711.	0.	360.
P	10	10	2011.	0.	360.
P	10	10	2311.	0.	360.
P	10	11	1111.	0.	360.
P	10	11	1411.	0.	360.
P	10	11	1711.	0.	360.
P	10	11	2011.	0.	360.
P	10	11	2311.	0.	360.
P	10	12	1111.	0.	360.
P	10	12	1411.	0.	360.
P	10	12	1711.	0.	360.
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P	10	12	2311.	0.	360.
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P	10	18	2011.	0.	360.
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P	10	19	1711.	0.	360.
P	10	19	2011.	0.	360.
P	10	19	2311.	0.	360.
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P	10	20	1411.	0.	360.
P	10	20	1711.	0.	360.
P	10	20	2011.	0.	360.
P	10	20	2311.	0.	360.
P	10	21	1111.	0.	360.
P	10	21	1411.	0.	360.
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P	10	30	2011.	0.	360.
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P	10	33	1711.	0.	360.
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P	10	40	1411.	0.	360.
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P	10	44	1711.	0.	360.
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P	10	45	1411.	0.	360.
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10 POINTS! 1998 FCC FTLD - KING

25.1 N LATITUDE • 89.9 W LONGITUDE

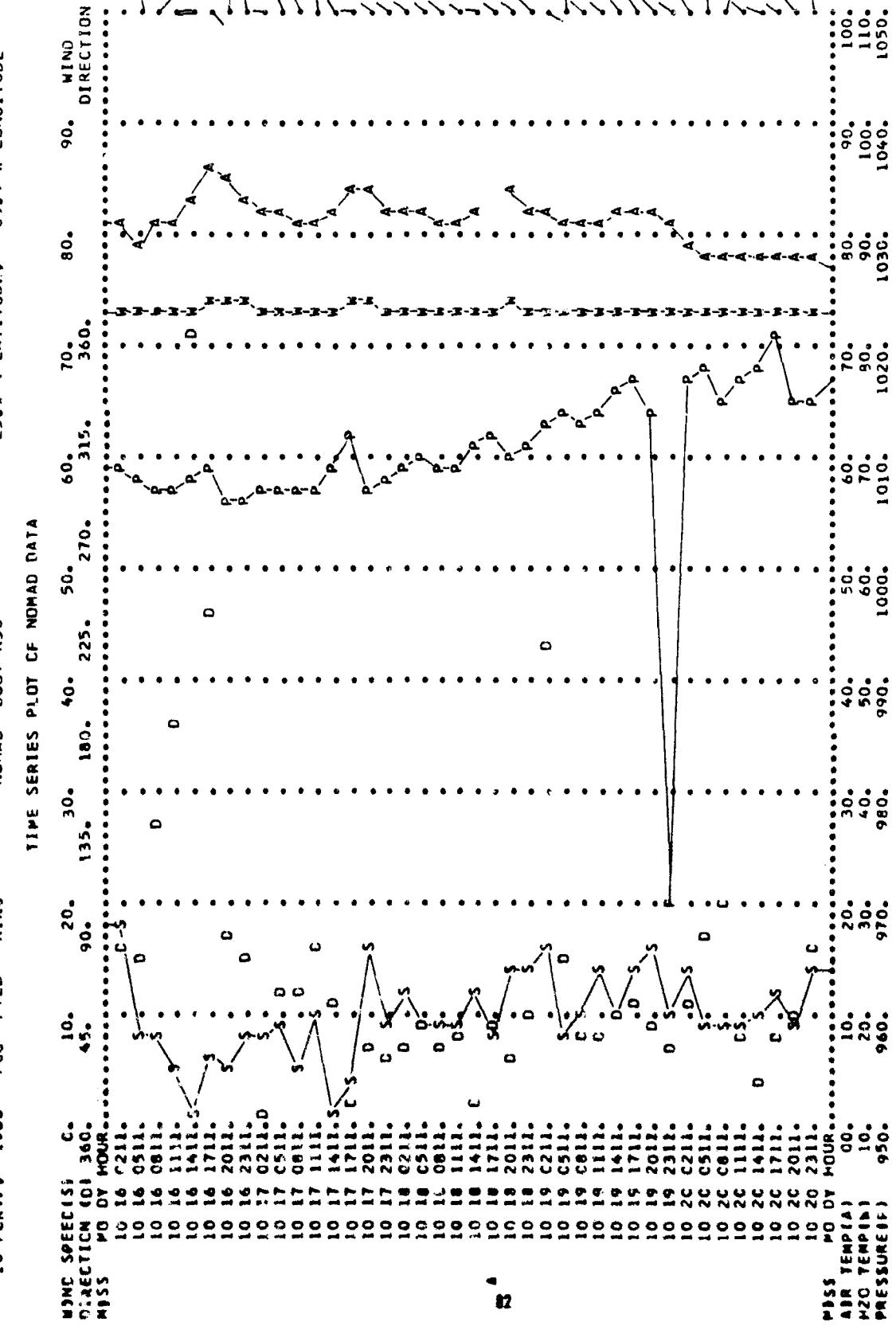
NOMAD BUOY N35 25.1°N LATITUDE 89.9°W LONGITUDE

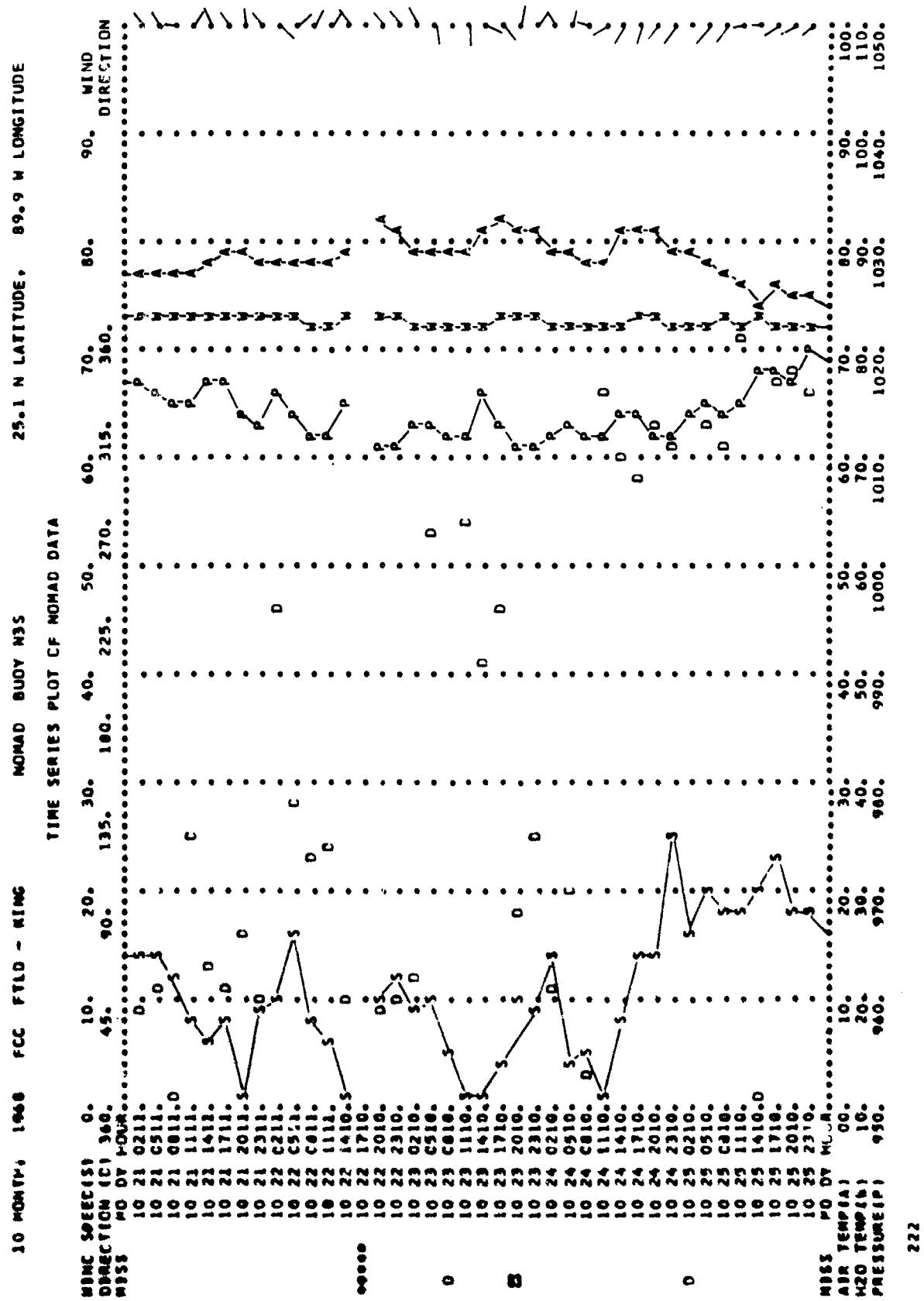


10 NOVEMBER 1968

NOVAD

TIME SERIES PLOT OF NOMAD DATA





10 PITCH, 1968

MONAD

STUDY #35

TIME SERIES PLOT CF MONAD DATA

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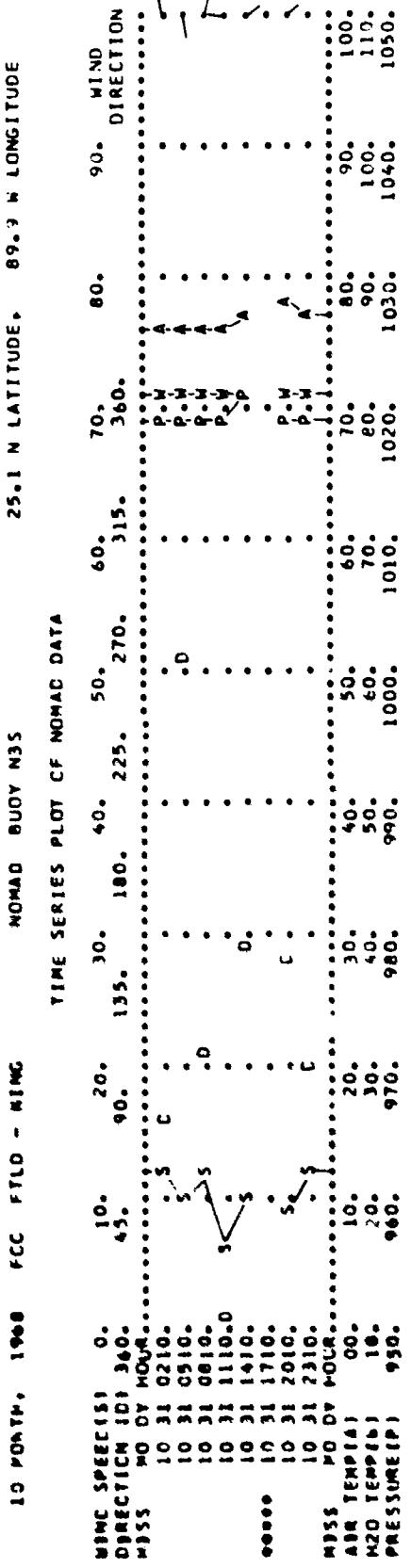
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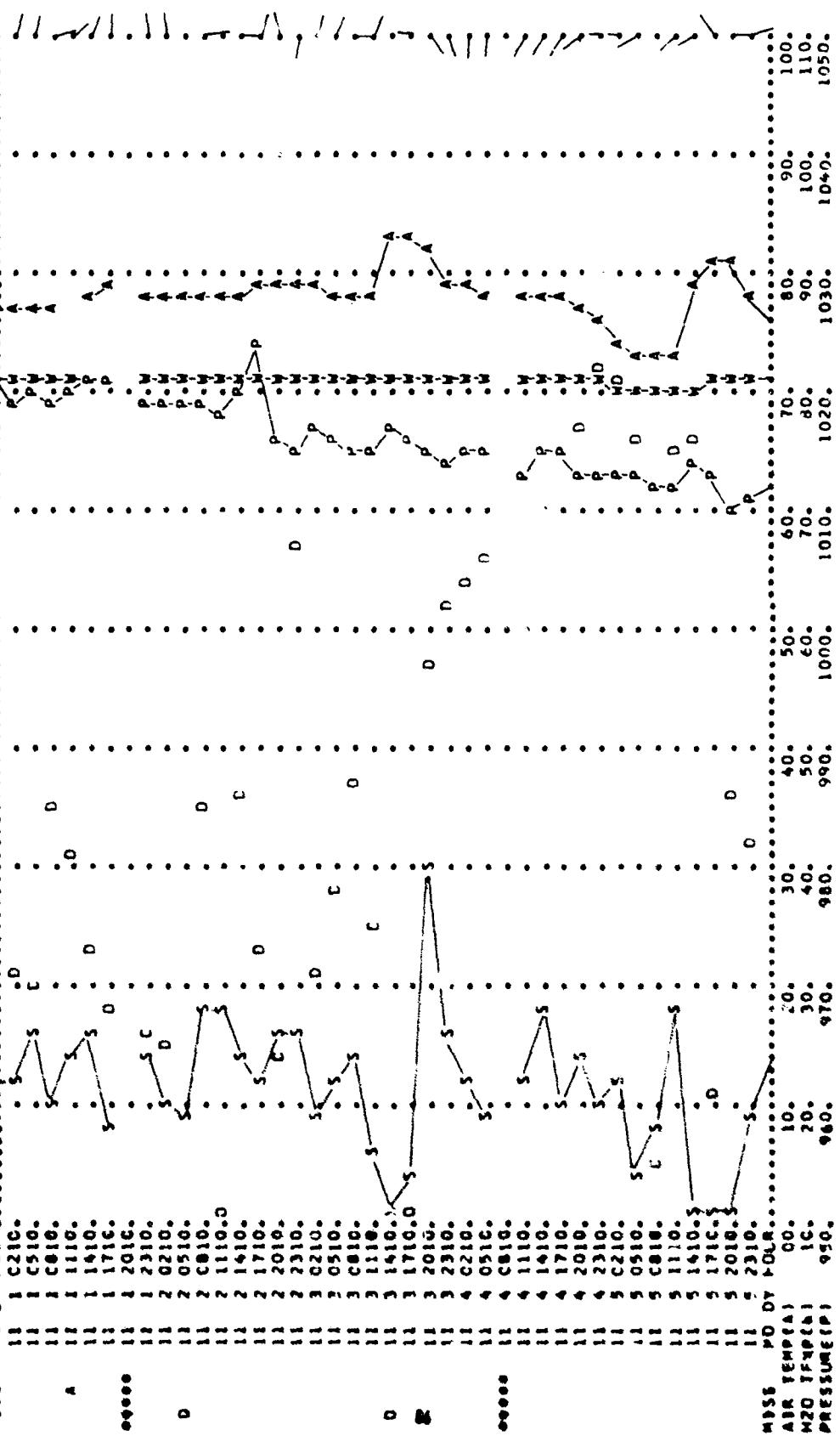
11 FORTN. 1968

25.1 N LATITUDE.

BUOY N35

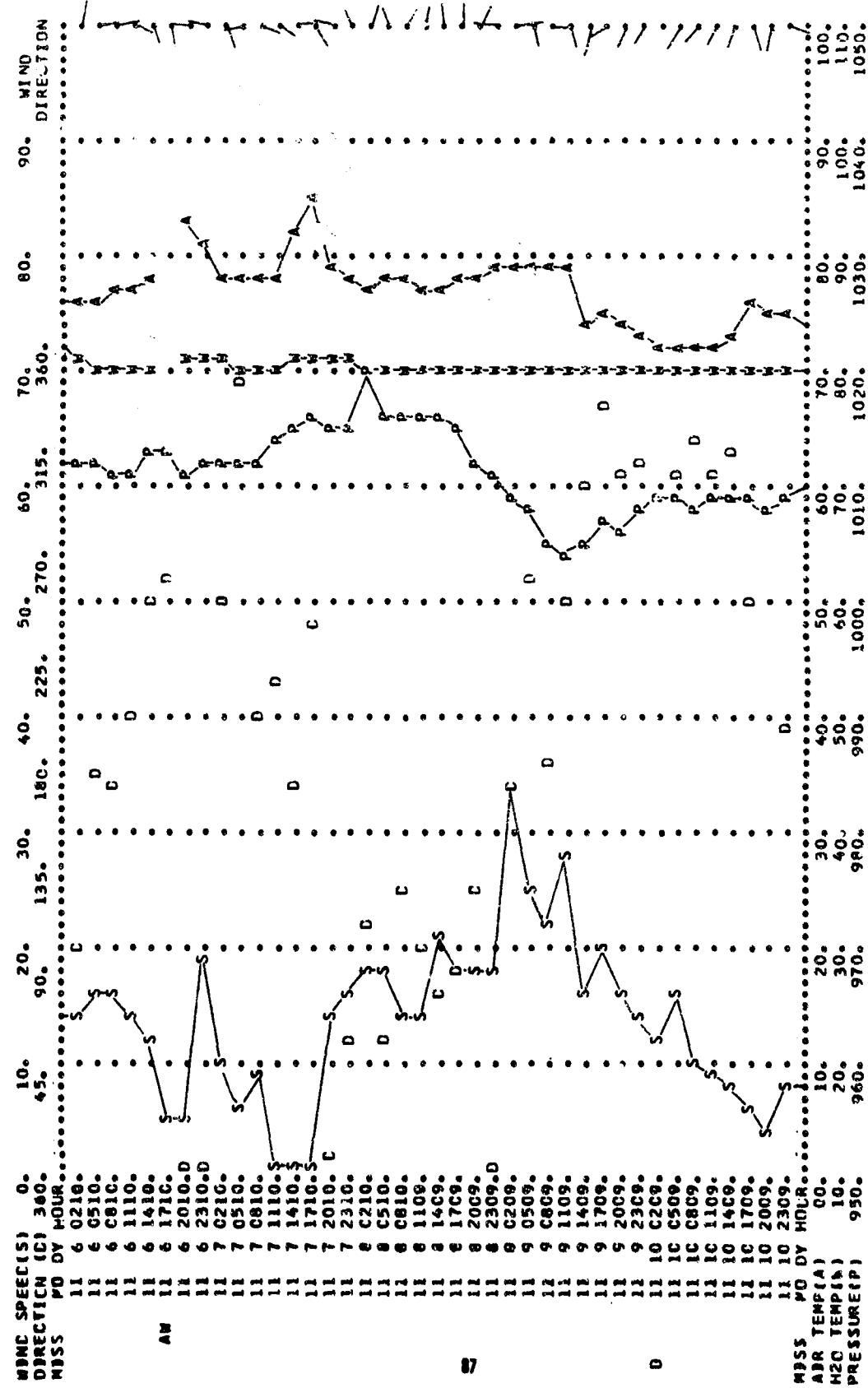
## TIME SERIES PLOT OF NOMAD DATA

WIND SPEED (KTS) C. 10. 20. 30. 40. 50. 60. 70. 80. 90. WIND DIRECTION  
 DIRECTION (DEG) 360. 345. 330. 315. 300. 270. 225. 200. 180. 135. 90. 45. 30.  
 HRS 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105.  
 PO DV HOUR.....



11 PGATH, 19e8 FCC FTLD - KING NOMAD BUOY N35

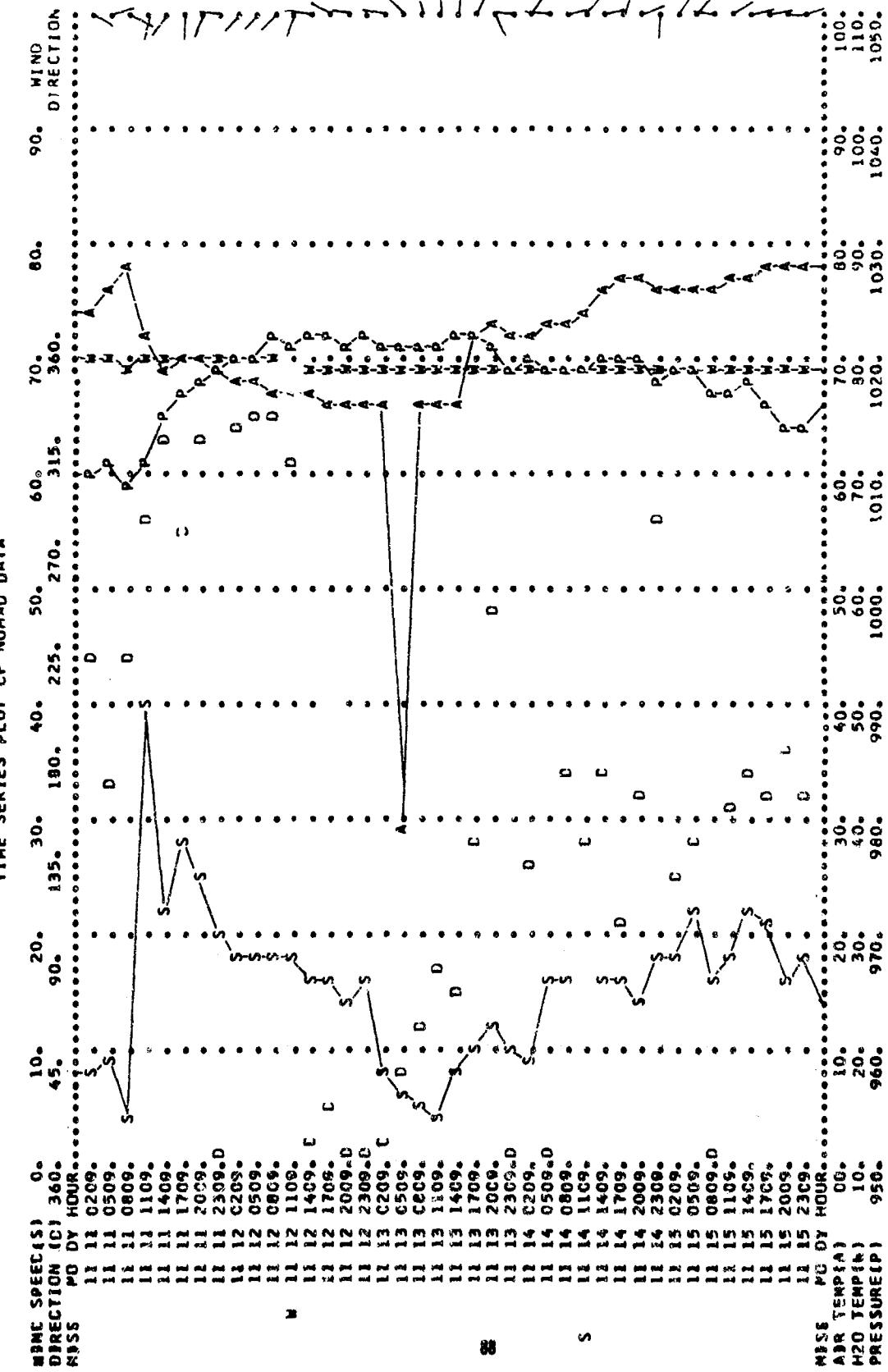
TIME SERIES PLOT OF NOMAD DATA



11 MONTHS 1968

25.1 N LATITUDE, 89.9 W LONGITUDE

## TIME SERIES PLOT OF NOMAD DATA



ALL POINTS 1968 FCC FIELD - KING

MONAD SUNDAY NEWS

225.1 N LATITUDE + 89.9 W LONGITUDE

## TIME SERIES PLOT OF NOMINE DATA

WIND SPEED(MPH)

DIRECTION (DEG)

MISS MO DV HOUR

11	16	0209.
11	16	0509.
11	16	0809.
11	16	1109.
11	16	1409.
11	16	1709.
11	16	2009.
11	16	2309.
11	17	0209.
11	17	0509.
11	17	0809.
11	17	1109.
11	17	1409.
11	17	1709.
11	17	2009.
11	17	2309.
11	18	0209.
11	18	0509.
11	18	0809.
11	18	1109.
11	18	1409.
11	18	1709.
11	18	2009.
11	18	2309.
11	19	0209.
11	19	0509.
11	19	0809.
11	19	1109.
11	19	1409.
11	19	1709.
11	19	2009.
11	19	2309.
11	20	0209.
11	20	0509.
11	20	0809.
11	20	1109.
11	20	1409.
11	20	1709.
11	20	2009.
11	20	2309.

AIR TEMP(°F)

H2O TEMP(°F)

PRESSURE(hPa)

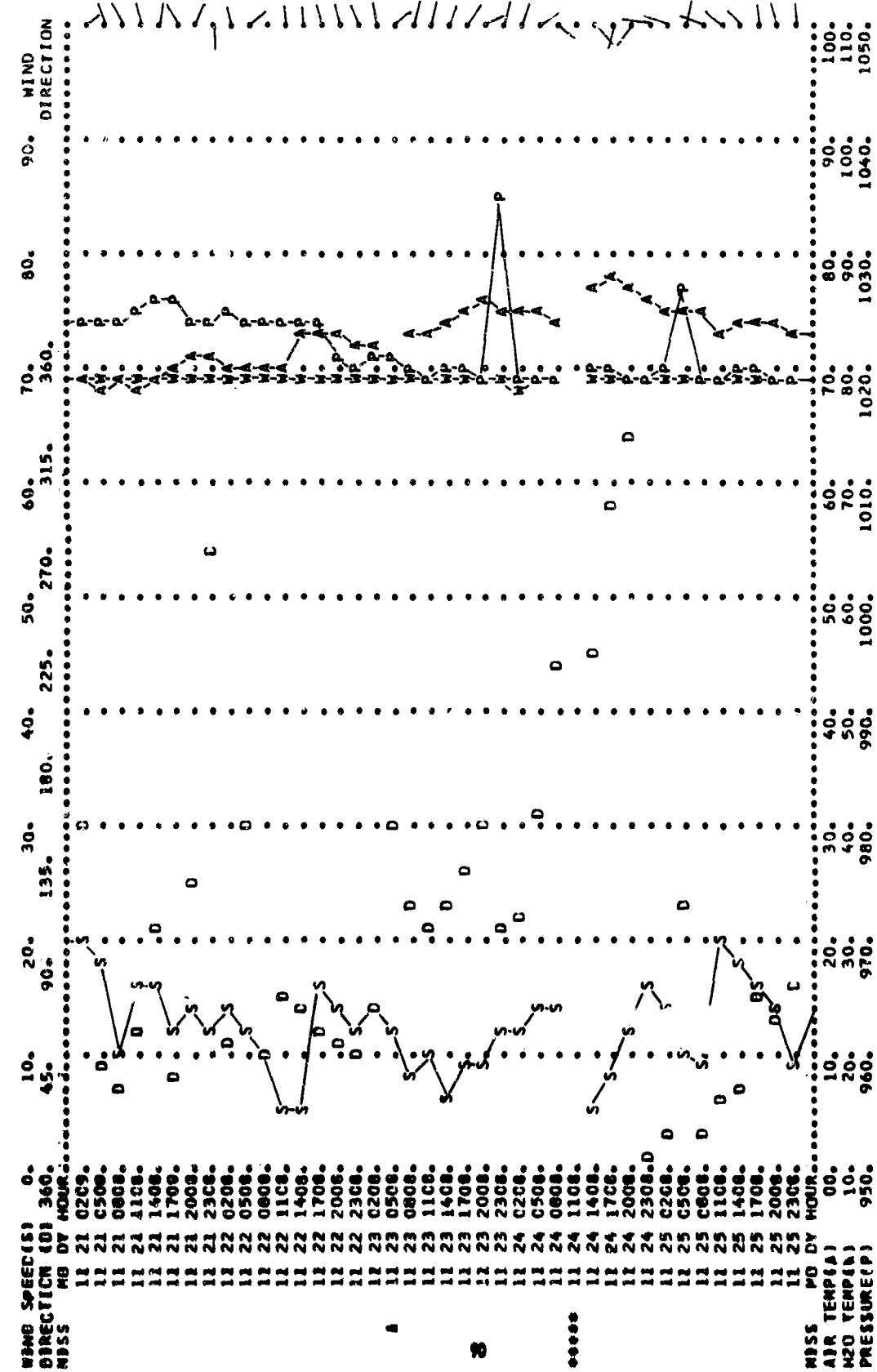
MISS MO DV HOUR

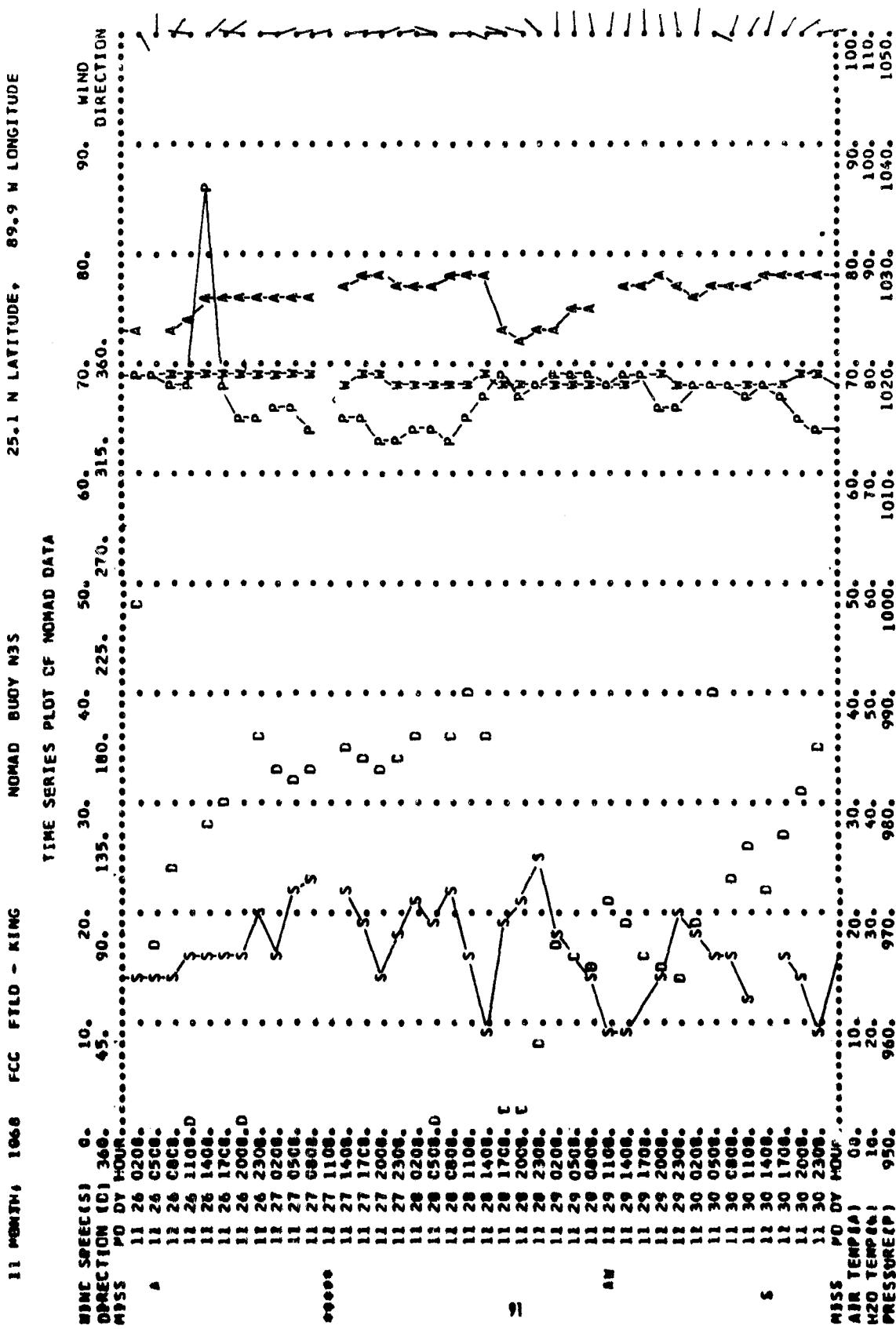
222

11 MARTINA LARSEN EEE END = KINE

25.1 INTRODUCTION 89-9 M CONCLUDING

25.1 NATURES AND LONGITUDE





112 reuniting, 1988 FCC, 1990 - KING

NUMERO D'UNA

25.1 N LATITUDE, 89.9 W LONGITUDE

MNRC SPECIES 0.  
MNSS PO D Y HOUR...  
DIRECTOR ICI 360.

## TIME SERIES PLOT OF NOMAD DATA

**TIME SERIES PLOT CF NOMAD DATA**

**12 MONTHS 1968 FFLD - KING 25.1 N LATITUDE, 89.9 W LONGITUDE**

**MING SPEC(S)**

MONTH	12	1	2	3	4	5	6	7	8	9	10	11	12
MING DIRECTION (CI)	360.	360.	360.	360.	360.	360.	360.	360.	360.	360.	360.	360.	360.
MISS PO DY HOUR	00.	00.	00.	00.	00.	00.	00.	00.	00.	00.	00.	00.	00.
S	S	S	S	S	S	S	S	S	S	S	S	S	S

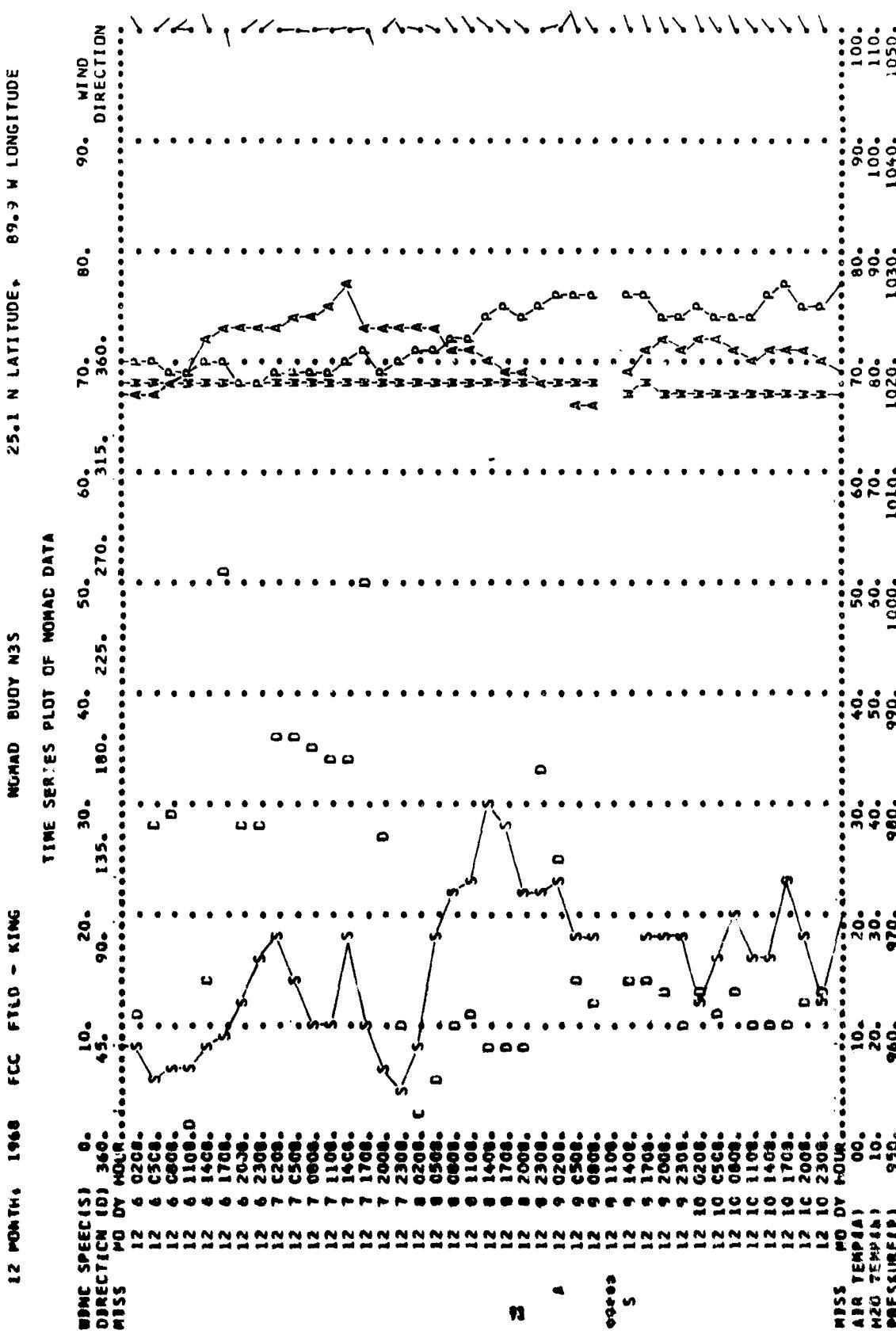
**WIND DIRECTION**

**AIR TEMP (P)**

**H2O TEMP (P)**

**PRESSURE (P)**

222

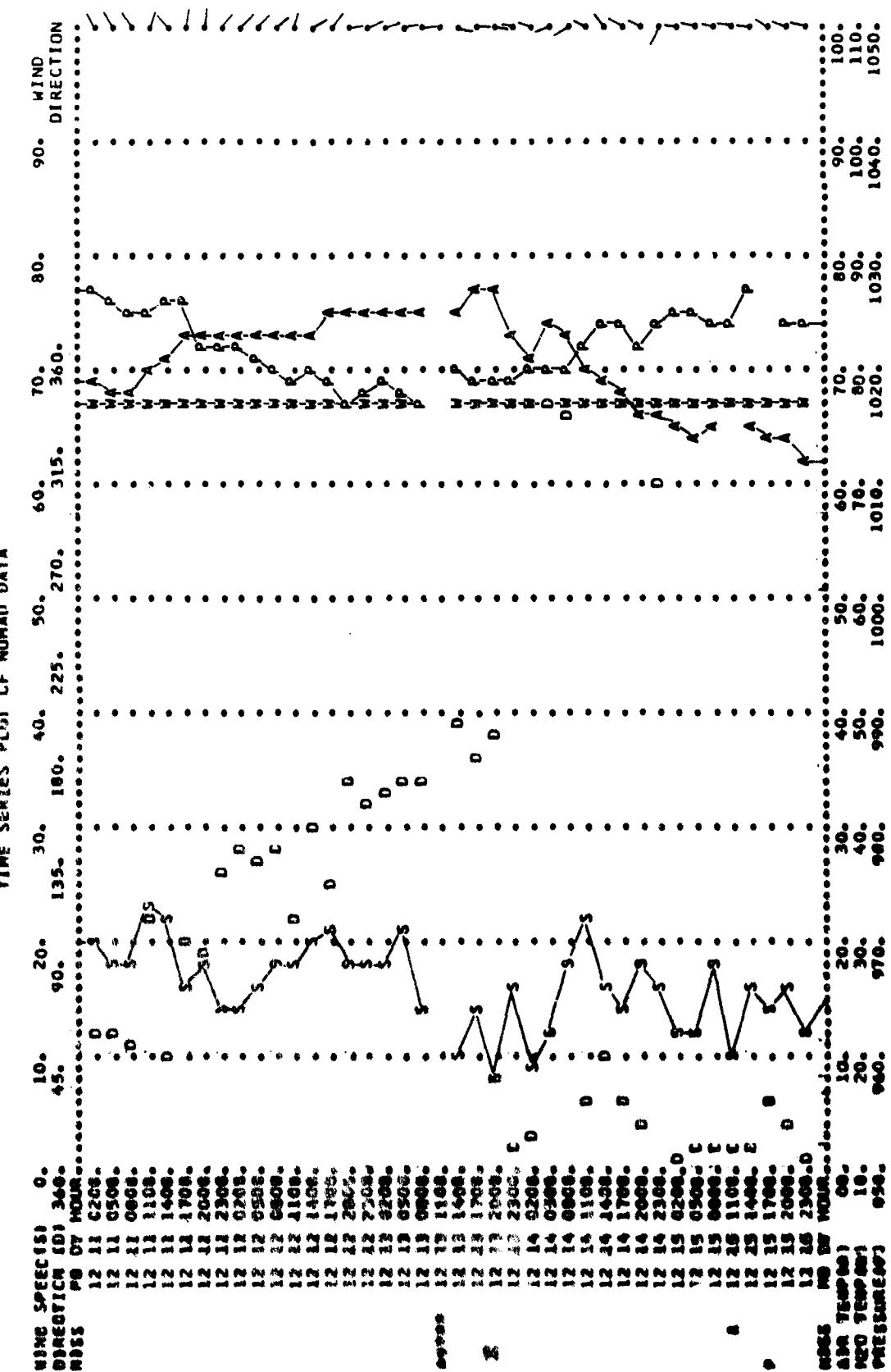


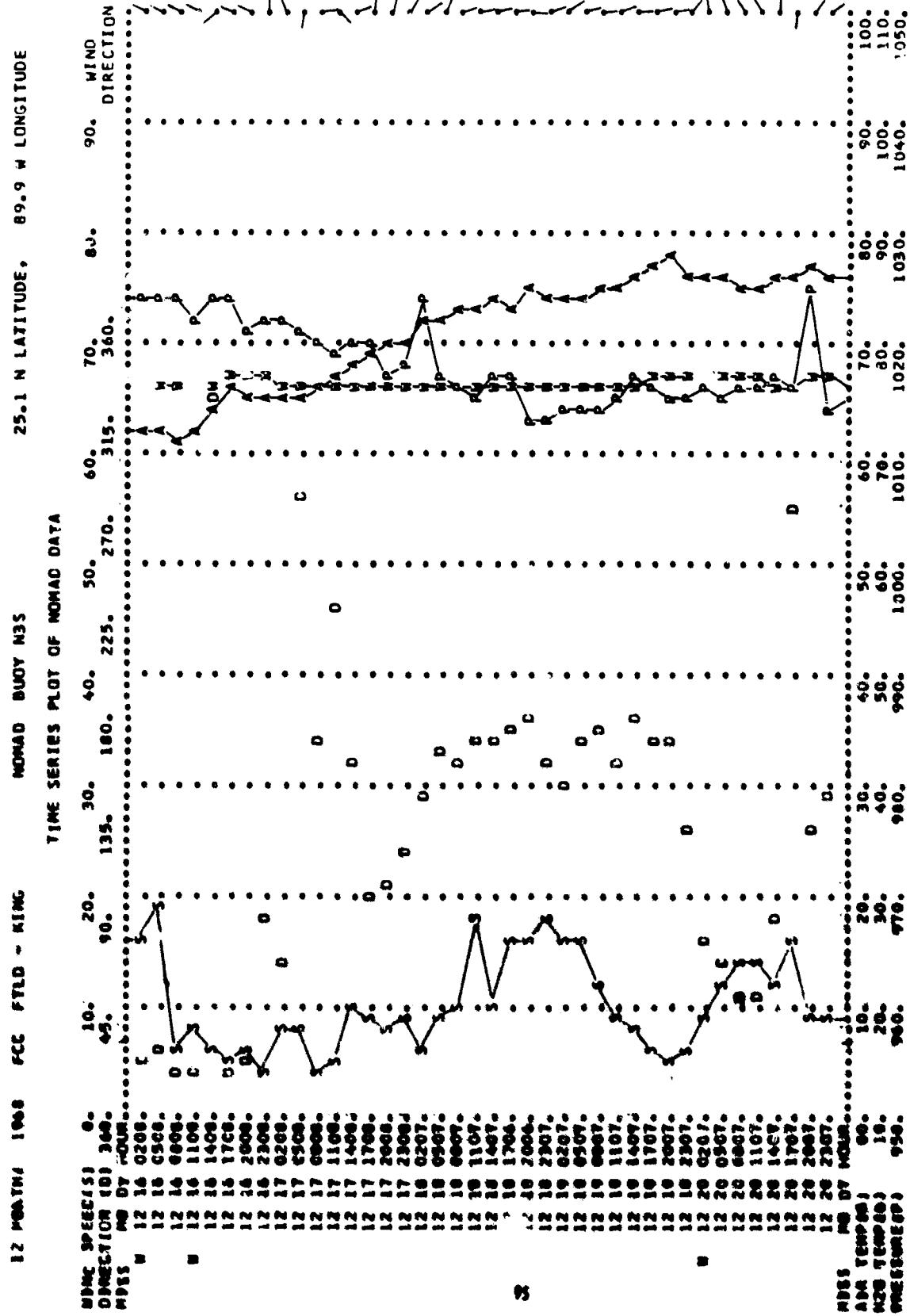
25° 1' N LATITUDE, 89° 9' W LONGITUDE

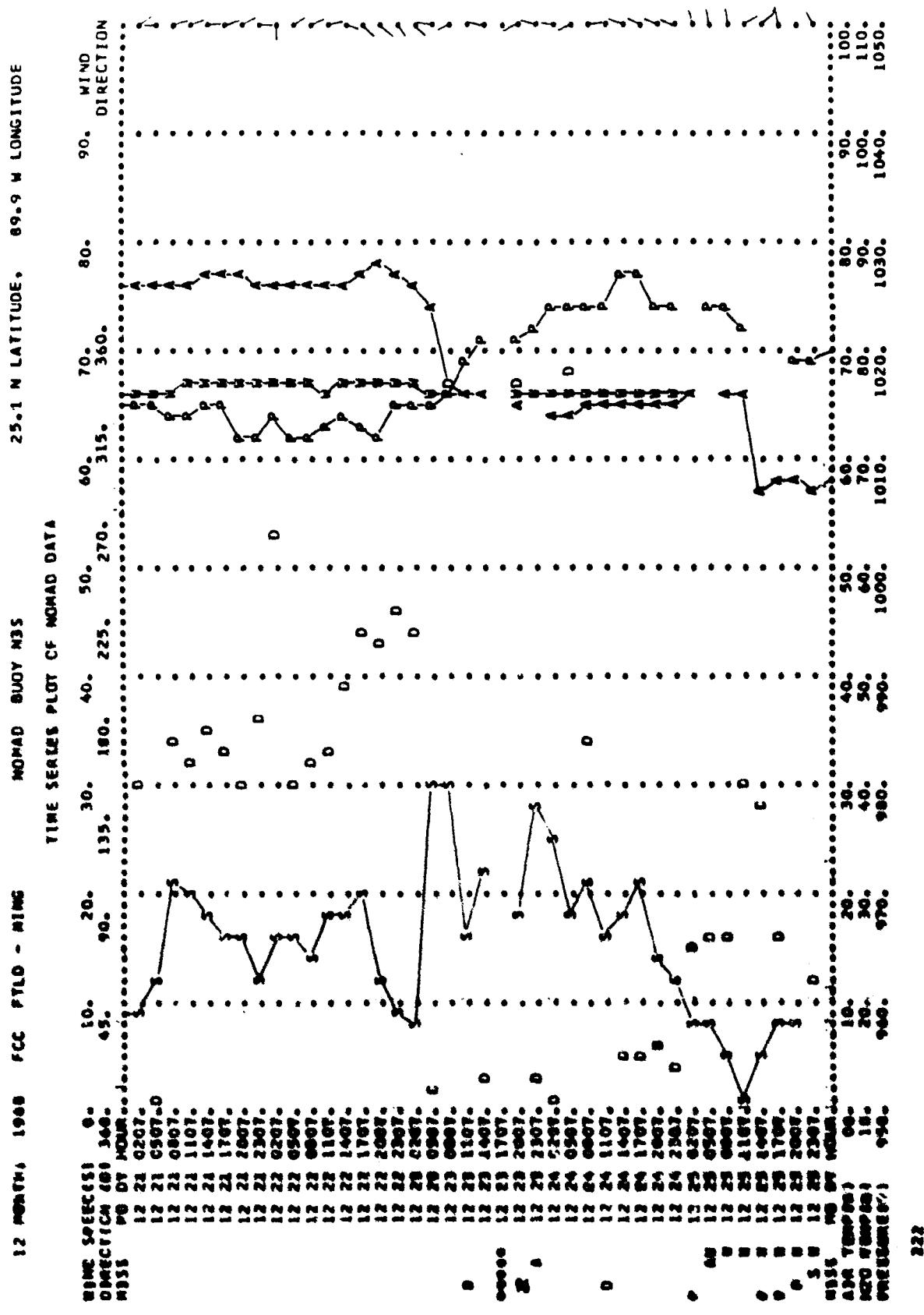
MONDAY NOVEMBER 30

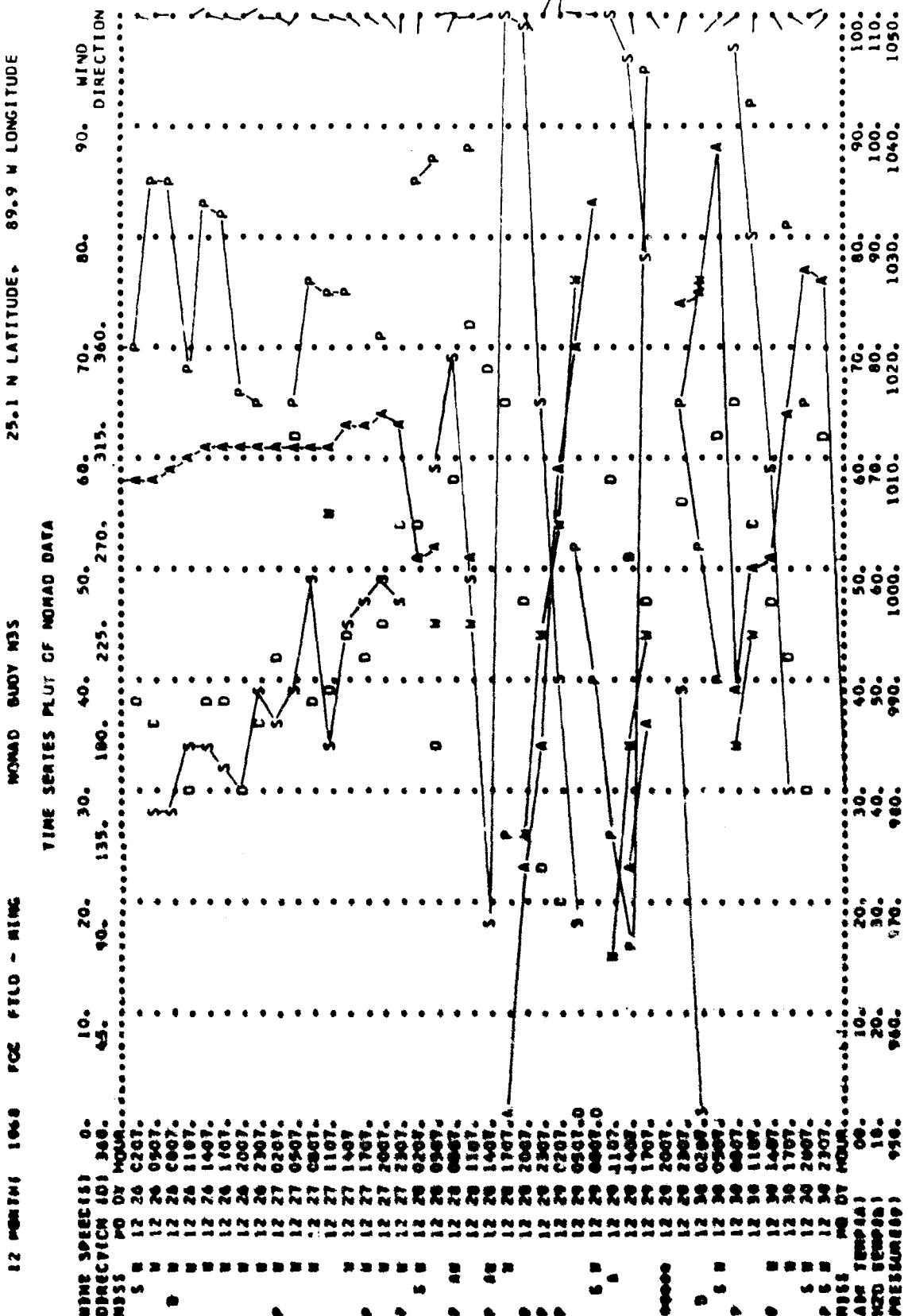
FTL0 - HINC

ONE SPECIES 0.





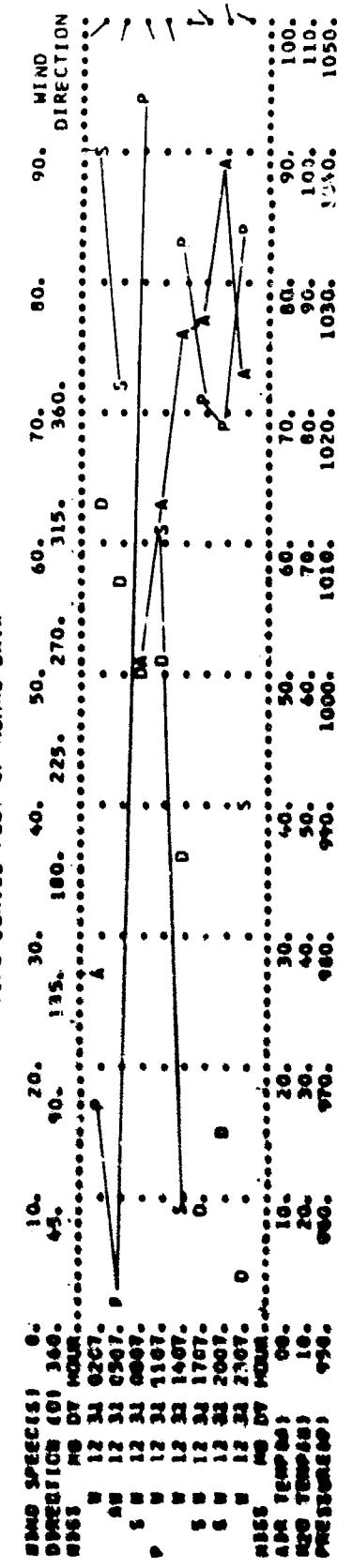




12 MARCH 1968

MONAD BUOY M35

TIME SERIES PLOT OF MONAD DATA



822

2.

**APPENDIX B**

**1968 NOMAD N3S Monthly Statistical Data**

### N3S Monthly Statistical Data

To maintain some consistency in determination of invalid data, arbitrary monthly limits were established. These limits were obtained by noting climatic data from U. S. Navy Marine Climatic Atlas of the World (5), data from the National Meteorological Center (NMC) 6-hourly surface weather charts at the N3S buoy location, and weather reports from ships reporting near the buoy. Table 4 shows the result of limit values used, and all data from N3S within and including these limits were used in determining the monthly statistical data.

The N3S monthly statistical data for 1968 are shown in Appendix B. Invalid data were not considered in computing the values. N3S observations from four of the five environmental parameters were programmed for calculation and printing of statistical information by the IBM 360/40 computer. An analysis of information in Appendix A showed that some data appear to be doubtful and some invalid. For record purposes, the data were determined to be valid or invalid by comparison with data extracted from climatic charts, analyzed U. S. Weather Bureau 6-hourly surface weather maps, and ships' weather reports.

Limits were calculated for the IBM 360/40 statistical data program in order to avoid use of obviously erroneous data. Such data, however, were retained in the time-series printout (Appendix A)

Table 4. Data Limits for N3S

	Air Temperature (°F.)	Water Temperature (°F.)	Barometric Pressure (mb.)	Maximum Surface Wind Velocity (kn.)
January	84-51	82-64	1028-1000	40
February	84-53	84-63	1028-1000	35
March	87-55	83-66	1027-1000	30
April	87-60	84-68	1027-1000	30
May	90-67	88-71	1025-1000	30
June	92-72	89-74	1025-1000	30
July	93-72	90-78	1025-1000	30
August	94-72	90-76	1025-1000	30
September	93-72	91-76	1025-1000	30
October	91-66	89-73	1025-1003	30
November	87-59	86-69	1027-1004	35
December	87-57	85-64	1028-1005	40

for evaluation of data users. The percentage of observations considered invalid and in error averaged 1.03% for all parameters for the entire year.

Tables 5 and 6 show the breakdown of numbers of invalid data for each of the five parameters by month; barometric pressure appears to have the highest error percentage.

Table 5. 1968 NOMAD NTS Observations Considered Invalid

	Air Temperature			Water Temperature			Barometric Pressure			Wind Speed			Wind Direction						
	Revd	Valid	Invalid	% Invalid	Revd	Valid	Invalid	% Invalid	Revd	Valid	Invalid	% Invalid	Revd	Valid	Invalid	% Invalid			
January	234	0	0	239	239	0	0	241	241	0	0	245	245	0	0	244	0	0	
February	227	0	0	229	229	0	0	226	226	0	0	229	229	0	0	227	0	0	
March	237	0	0	239	239	0	0	233	228	5	2.1	243	243	0	0	231	0	0	
April	216	215	1	.46	223	222	1	.45	225	225	0	0	231	231	0	0	225	0	0
May	238	238	0	0	234	233	1	.43	237	235	2	.84	242	242	0	0	233	0	0
June	224	222	2	.89	233	233	0	0	226	225	1	.44	231	226	3	1.3	224	0	0
July	233	233	0	0	240	240	0	0	236	234	2	.85	242	240	2	.8	227	0	0
August	231	231	0	0	236	236	0	0	233	226	7	3.0	236	235	0	0	232	0	0
September	233	232	1	.43	234	234	0	0	228	222	6	2.6	234	234	0	0	234	0	0
October	237	237	0	0	242	242	0	0	239	234	5	2.1	244	242	2	.8	239	0	0
November	229	228	1	.44	233	233	0	0	234	231	3	1.3	233	232	1	.4	233	0	0
December	234	219	15	6.4	201	190	11	5.8	228	206	22	9.6	232	212	20	8.6	238	0	0

Table 6. 1968 NOMAD N3S Observations Considered Invalid (12 months)

Parameter	Observations Received	Number of Invalid Observations	Percentage of Invalid Observations
Air temperature	2773	20	0.72
Water temperature	2783	13	0.47
Barometric pressure	2786	53	1.9
Wind speed	2842	28	0.99
Wind direction	2787	0	0.
TOTAL	13971	114	

Average percentage of Invalid Observations = 0.82%

## MINI-HY STATISTICAL DATA

JANUARY 1964	MESSAGES RECEIVED	PCT-CENT (1RS REC'D)	MAXIMUM VALUE	MINIMUM VALUE	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
AIR TEMPERATURE	236	34.35	45.2	41.2	70.7	77.1	62.7	3.8
AIR TEMP. THERM. TUBE	235	46.37	72.1	71.7	73.5	75.4	71.3	1.1
BAROMETRIC PRESSURE	241	97.12	126.1	121.2	122.4	125.0	124.7	2.6
WIND SPEED	246	38.76	12.2	10.9	13.2	22.0	20.5	5.0
WIND DIRECTION	244	78.39						

FEBRUARY 1964	MESSAGES RECEIVED	PCT-CENT (1RS REC'D)	MAXIMUM VALUE	MINIMUM VALUE	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
AIR TEMPERATURE	227	57.34	75.2	50.4	67.7	74.1	59.7	3.6
WATER TEMPERATURE	225	94.71	70.2	75.4	71.6	73.0	70.2	0.6
BAROMETRIC PRESSURE	226	37.41	125.1	104.1	117.5	104.2	107.4	4.5
WIND SPEED	229	52.71	27.6	6.3	11.5	22.2	8.3	5.7
WIND DIRECTION	227	47.34						

MARCH 1964	MESSAGES RECEIVED	PCT-CENT (1RS REC'D)	MAXIMUM VALUE	MINIMUM VALUE	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
AIR TEMPERATURE	237	95.50	73.2	56.4	68.3	79.2	58.7	4.4
WATER TEMPERATURE	235	36.37	74.2	58.4	69.9	72.1	68.4	1.1
BAROMETRIC PRESSURE	233	93.95	1126.5	1005.2	1119.9	1026.5	1006.5	5.0
WIND SPEED	243	57.90	30.0	9.4	13.4	23.6	4.4	4.4
WIND DIRECTION	231	93.15						

FCC FIELD - KI

NOMAD KUNY

25.1 N LATITUDE.

39.0 W LONGITUDE

## MONTHLY STATISTICAL DATA

APRIL	1968	MESSAGES RECEIVED	PERCENT RECEIVED	MAXIMUM VALUE	MINIMUM VALUE	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
AIR TEMPERATURE	216	90.90	81.6	71.5	74.9	78.5	71.3	1.8	
WATER TEMPERATURE	223	92.92	75.5	70.9	74.5	77.0	71.4	1.5	
RADIOMETRIC PRESSURE	225	93.75	162.4	1012.1	1016.0	1020.0	1011.5	2.3	
WIND SPEED	231	96.25	24.9	9.9	10.4	19.7	9.8	5.1	
WIND DIRECTION	224	93.75							

MAY	1968	MESSAGES RECEIVED	PERCENT RECEIVED	MAXIMUM VALUE	MINIMUM VALUE	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
AIR TEMPERATURE	234	95.97	85.3	68.3	78.2	83.6	72.0	2.6	
WATER TEMPERATURE	234	94.35	30.3	72.9	78.5	82.6	75.0	1.9	
RADIOMETRIC PRESSURE	237	95.56	1024.3	1024.1	1013.4	1018.8	1006.4	2.7	
WIND SPEED	242	97.58	22.0	9.8	12.3	18.8	9.4	4.3	
WIND DIRECTION	233	93.95							

JUNE	1968	MESSAGES RECEIVED	PERCENT RECEIVED	MAXIMUM VALUE	MINIMUM VALUE	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
AIR TEMPERATURE	224	93.33	90.4	76.2	82.7	87.7	79.1	2.0	
WATER TEMPERATURE	233	97.05	87.7	80.3	83.0	85.5	80.4	1.3	
RADIOMETRIC PRESSURE	224	94.17	1620.3	1202.1	1013.9	1018.5	1009.0	2.4	
WIND SPEED	231	96.25	20.5	9.8	10.3	18.5	10.9	4.5	
WIND DIRECTION	224	93.33							

## FCC FILE - KING

JULY 1968      25.1 N LATITUDE, 97.0 E LONGITUDE  
 AIR TEMPATURE      233      93.95      92.4      76.3      83.4      87.0      79.7      2.9  
 WATER TEMPERATURE      240      96.77      96.3      92.4      94.2      85.6      92.9      0.7  
 BAROMETRIC PRESSURE      230      95.16      1024.3      1013.2      1017.8      1021.0      1013.7      1.7  
 WIND SPEED      242      97.53      18.4      0.2      19.1      18.0      18.3      4.3  
 WIND DIRECTION      227      91.53

AUGUST 1968      25.1 N LATITUDE, 97.0 E LONGITUDE  
 AIR TEMPATURE      231      93.15      91.2      76.3      84.7      89.7      80.1      2.2  
 WATER TEMPERATURE      236      95.16      94.4      92.2      95.9      97.5      94.2      0.9  
 BAROMETRIC PRESSURE      233      93.95      1024.3      1016.1      1017.1      1022.7      1013.2      2.3  
 WIND SPEED      236      95.16      19.0      0.0      9.0      17.5      6.4      5.1  
 WIND DIRECTION      232      93.55

SEPTEMBER 1968      25.1 N LATITUDE, 97.0 E LONGITUDE  
 AIR TEMPATURE      234      97.09      97.2      76.3      84.0      87.9      79.2      2.0  
 WATER TEMPERATURE      234      97.56      97.7      92.2      85.5      87.2      82.7      0.9  
 BAROMETRIC PRESSURE      226      95.00      1024.3      1009.1      1014.2      1020.5      1009.7      2.5  
 WIND SPEED      234      97.50      22.7      0.7      10.5      18.9      6.2      4.8  
 WIND DIRECTION      234      97.55

## FCC FILE - KING

NOVAG EUNY N7C 25.1°N LATITUDE, 89.9°W LONGITUDE

## MINIMUM STATISTICAL DATA

MONTH	MESSAGES RECEIVED	PERCENT RECEIVED	MAXIMUM VALUE	MINIMUM VALUE	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
<del>DECEMBER 1966</del>								
AIR TEMPERATURE	221	45.5%	45.5	45.4	73.2	90.3	95.5	74.3 3.2
DATA TEMPERATURE	242	37.5%	37.5	37.5	91.0	92.8	94.7	91.3 1.1
BAROMETRIC PRESSURE	221	37.4%	37.4	37.3	1065.3	1014.9	1020.8	1007.2 3.4
WIND SPEED	242	79.3%	79.3	78.0	50.4	12.0	21.5	1.3 5.0
WIND DIRECTION	221	60.17	-	-	-	-	-	-

## NOVEMBER 1966 MESSAGES RECEIVED PERCENT RECEIVED MAXIMUM VALUE

MONTH	MESSAGES RECEIVED	PERCENT RECEIVED	MAXIMUM VALUE	MINIMUM VALUE	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
<del>DECEMBER 1966</del>								
AIR TEMPERATURE	221	56.9%	56.9	56.2	74.9	91.7	95.5	54.0
DATA TEMPERATURE	231	57.5%	57.5	57.3	77.5	91.3	97.5	51.2
BAROMETRIC PRESSURE	234	37.3%	37.3	36.5	1004.1	1016.8	1025.0	1007.3 4.6
WIND SPEED	231	97.5%	97.5	70.3	14.0	25.4	1.4	50.5
WIND DIRECTION	231	97.5%	-	-	-	-	-	-

## DECEMBER 1966 MESSAGES RECEIVED PERCENT RECEIVED MAXIMUM VALUE

MONTH	MESSAGES RECEIVED	PERCENT RECEIVED	MAXIMUM VALUE	MINIMUM VALUE	MEANS MONTH	MEANS 5-PCT MAX	MEANS 5-PCT MIN	STANDARD DEVIATION
<del>DECEMBER 1966</del>								
AIR TEMPERATURE	234	96.3%	96.3	70.3	57.2	70.5	75.6	59.7 5.7
DATA TEMPERATURE	201	21.9%	21.9	20.0	64.4	76.8	78.7	73.2 1.6
BAROMETRIC PRESSURE	271	31.9%	31.9	27.2	1011.0	1019.7	1024.5	1012.4 4.1
WIND SPEED	232	43.6%	43.6	20.0	20.0	15.0	35.0	2.1 7.9
WIND DIRECTION	231	35.2%	-	-	-	-	-	-

APPENDIX C

1968 NOMAD N3S Monthly Frequency Distribution

1968 NOMAD N3S Monthly Frequency Distribution

Appendix C contains the 1968 monthly frequency distribution for all five observation parameters. The data were programmed for calculation on the IBM 7074 computer. The distribution illustrates the monthly variability and number of occurrences for each parameter. All the observed data, including those that could be classified doubtful or invalid, are included.

1968 FCC FTLD - KING

25.1 N LATITUDE • 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

	NOMAD BUOY N35	
AIR TEMP	99.3	0
AIR TEMP	98.6	0
AIR TEMP	97.8	0
AIR TEMP	96.9	0
AIR TEMP	96.3	0
AIR TEMP	95.9	0
AIR TEMP	95.3	0
AIR TEMP	94.5	0
AIR TEMP	93.9	0
AIR TEMP	93.1	0
AIR TEMP	91.6	0
AIR TEMP	90.4	0
AIR TEMP	89.2	0
AIR TEMP	87.9	0
AIR TEMP	87.0	0
AIR TEMP	85.6	0
AIR TEMP	84.8	0
AIR TEMP	83.8	0
AIR TEMP	82.8	0
AIR TEMP	81.6	0
AIR TEMP	80.8	0
AIR TEMP	80.5	1
AIR TEMP	79.4	0
AIR TEMP	78.6	0
AIR TEMP	78.2	2
AIR TEMP	77.5	1
AIR TEMP	76.8	3
AIR TEMP	76.0	7
AIR TEMP	75.2	12
AIR TEMP	74.3	11
AIR TEMP	73.2	35
AIR TEMP	72.5	16
AIR TEMP	71.5	49
AIR TEMP	70.8	19
AIR TEMP	70.0	13
AIR TEMP	69.1	7
AIR TEMP	68.3	4
AIR TEMP	67.9	6
AIR TEMP	67.2	4
AIR TEMP	67.0	5
AIR TEMP	66.1	5
AIR TEMP	65.5	10
AIR TEMP	64.8	8
AIR TEMP	63.9	6
AIR TEMP	63.1	11
AIR TEMP	62.3	4
AIR TEMP	61.2	1
AIR TEMP	60.8	0
AIR TEMP	59.5	0
AIR TEMP	58.8	0
AIR TEMP	58.0	0
AIR TEMP	57.2	0
AIR TEMP	56.4	0
AIR TEMP	56.0	0
AIR TEMP	55.3	0
AIR TEMP	54.6	0
AIR TEMP	54.2	0
AIR TEMP	53.6	0
AIR TEMP	52.8	0
AIR TEMP	52.0	0
AIR TEMP	51.2	0
AIR TEMP	49.9	0
AIR TEMP	49.0	0
AIR TEMP	48.2	0
AIR TEMP	47.2	0
AIR TEMP	46.2	0
AIR TEMP	45.3	0
AIR TEMP	44.5	0
AIR TEMP	43.8	0
AIR TEMP	43.5	0
AIR TEMP	43.2	0
AIR TEMP	42.6	0
AIR TEMP	42.3	0
AIR TEMP	41.8	0
AIR TEMP	41.3	0
AIR TEMP	40.7	0

1 : JNT#,	1968	FCC	FTLD - KING
H2C	TEMP	94.3	
H2C	TEMP	93.4	
H2C	TEMP	92.3	
H2C	TEMP	91.6	
H2C	TEMP	90.8	
H2C	TEMP	89.7	
H2C	TEMP	88.9	
H2C	TEMP	88.4	
H2C	TEMP	87.7	
H2C	TEMP	86.8	
H2C	TEMP	86.3	
H2C	TEMP	85.5	
H2C	TEMP	84.6	
H2C	TEMP	83.9	
H2C	TEMP	82.8	
H2C	TEMP	82.0	
H2C	TEMP	81.3	
H2C	TEMP	80.3	
H2C	TEMP	79.2	
H2C	TEMP	78.5	
H2C	TEMP	77.5	
H2C	TEMP	76.8	
H2C	TEMP	76.4	
H2C	TEMP	76.1	
H2C	TEMP	75.5	
H2C	TEMP	75.0	
H2C	TEMP	74.8	
H2C	TEMP	74.2	
H2C	TEMP	73.6	
H2C	TEMP	72.9	
H2C	TEMP	71.9	
H2C	TEMP	70.9	
H2C	TEMP	70.2	
H2C	TEMP	69.4	
H2C	TEMP	68.4	
H2C	TEMP	67.7	
H2C	TEMP	66.9	
H2C	TEMP	66.2	
H2C	TEMP	65.6	
H2C	TEMP	65.1	

BUOY N3S	FREQUENCY DISTRIBUTION	25.1° N LATITUDE • 89.9° W LONGITUDE	
		0	0
H2O TEMP	64.6	0	0
H2O TEMP	64.4	0	0
H2O TEMP	63.8	0	0
H2O TEMP	63.3	0	0
H2O TEMP	62.8	0	0
H2O TEMP	62.1	0	0
H2O TEMP	61.4	0	0
H2O TEMP	60.8	0	0
H2O TEMP	60.1	0	0
H2O TEMP	59.3	0	0
H2O TEMP	58.6	0	0
H2O TEMP	57.8	0	0
H2O TEMP	57.2	0	0
H2O TEMP	56.5	0	0
H2O TEMP	55.9	0	0
H2O TEMP	55.6	0	0
H2O TEMP	55.1	0	0
H2O TEMP	54.5	0	0
H2O TEMP	54.2	0	0
H2O TEMP	53.7	0	0
H2O TEMP	52.9	0	0
H2O TEMP	52.2	0	0
H2O TEMP	51.4	0	0
H2O TEMP	50.7	0	0
H2O TEMP	50.1	0	0
H2O TEMP	49.4	0	0
H2O TEMP	48.7	0	0
H2O TEMP	48.0	0	0
H2O TEMP	47.3	0	0
H2O TEMP	46.8	0	0
H2O TEMP	46.0	0	0
H2O TEMP	45.6	0	0
H2O TEMP	45.2	0	0
H2O TEMP	44.8	0	0
H2O TEMP	44.2	0	0
H2O TEMP	43.7	0	0
H2O TEMP	42.8	0	0
H2O TEMP	41.9	0	0
H2O TEMP	41.1	0	0
H2O TEMP	40.2	0	0

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1 MONTHS 1968 FCC FTLD - KING

NOMAD BUOY N3S 25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

PRESSURE	951.9	0	PRESSURE	985.0	0	PRESSURE	1016.9	10
PRESSURE	952.8	0	PRESSURE	985.9	0	PRESSURE	1017.8	16
PRESSURE	953.7	0	PRESSURE	986.8	0	PRESSURE	1018.7	32
PRESSURE	954.6	0	PRESSURE	987.1	0	PRESSURE	1019.1	20
PRESSURE	955.8	0	PRESSURE	988.1	0	PRESSURE	1020.3	35
PRESSURE	956.7	0	PRESSURE	988.3	0	PRESSURE	1021.3	24
PRESSURE	957.6	0	PRESSURE	989.2	0	PRESSURE	1022.4	46
PRESSURE	958.3	0	PRESSURE	990.0	0	PRESSURE	1023.5	22
PRESSURE	959.1	0	PRESSURE	990.9	0	PRESSURE	1024.3	11
PRESSURE	960.1	0	PRESSURE	991.8	0	PRESSURE	1025.1	6
PRESSURE	96C.9	0	PRESSURE	992.7	0	PRESSURE	1026.1	2
PRESSURE	961.3	0	PRESSURE	993.4	0	PRESSURE	1026.5	0
PRESSURE	962.1	0	PRESSURE	994.2	0	PRESSURE	1027.2	0
PRESSURE	963.2	0	PRESSURE	995.0	0	PRESSURE	1028.1	0
PRESSURE	963.7	0	PRESSURE	996.0	0	PRESSURE	1028.5	0
PRESSURE	964.7	0	PRESSURE	996.8	0	PRESSURE	1029.3	0
PRESSURE	965.9	0	PRESSURE	997.7	0	PRESSURE	1030.4	0
PRESSURE	966.6	0	PRESSURE	998.5	0	PRESSURE	1031.4	0
PRESSURE	967.5	0	PRESSURE	999.3	0	PRESSURE	1032.3	0
PRESSURE	968.3	0	PRESSURE	999.6	0	PRESSURE	1033.1	0
PRESSURE	969.0	0	PRESSURE	1000.4	0	PRESSURE	1034.2	0
PRESSURE	969.9	0	PRESSURE	1001.1	0	PRESSURE	1035.1	0
PRESSURE	97C.9	0	PRESSURE	1001.5	0	PRESSURE	1036.0	0
PRESSURE	971.5	0	PRESSURE	1002.7	0	PRESSURE	1037.0	0
PRESSURE	972.3	0	PRESSURE	1003.1	0	PRESSURE	1038.0	0
PRESSURE	973.1	0	PRESSURE	1004.1	0	PRESSURE	1038.9	0
PRESSURE	973.8	0	PRESSURE	1005.2	0	PRESSURE	1040.0	0
PRESSURE	974.1	0	PRESSURE	1006.3	0	PRESSURE	1040.5	0
PRESSURE	974.7	0	PRESSURE	1007.1	0	PRESSURE	1041.2	0
PRESSURE	975.2	0	PRESSURE	1008.0	0	PRESSURE	1042.0	0
PRESSURE	975.5	0	PRESSURE	1009.1	0	PRESSURE	1042.3	0
PRESSURE	976.2	0	PRESSURE	101C.1	0	PRESSURE	1042.2	0
PRESSURE	977.1	0	PRESSURE	1011.0	0	PRESSURE	1044.3	0
PRESSURE	978.0	0	PRESSURE	1011.9	0	PRESSURE	1045.3	0
PRESSURE	979.1	0	PRESSURE	1012.9	0	PRESSURE	1046.5	0
PRESSURE	98C.1	0	PRESSURE	1013.2	1	PRESSURE	1048.0	0
PRESSURE	981.1	0	PRESSURE	1014.0	0	PRESSURE	1049.2	0
PRESSURE	982.0	0	PRESSURE	1014.8	10	PRESSURE	1050.6	0
PRESSURE	983.0	0	PRESSURE	1015.2	2	PRESSURE	1051.7	0
PRESSURE	984.0	0	PRESSURE	1015.9	6	PRESSURE	1052.0	0

1 MONTH	1968	FCC	FTLD - KING	NOMAD	BUOY N35	FREQUENCY	DISTRIBUTION	25.1 N LATITUDE,	89.9 W LONGITUDE	
								WIND SPEED	WIND SPEED	WIND SPEED
								0	56.3	0
								0	58.5	0
								6	60.5	0
								4	61.5	0
								4	62.4	0
								10	63.2	0
								24	63.5	0
								20	64.3	0
								22	64.5	0
								24	65.3	0
								30	66.1	0
								22	67.0	0
								9	67.7	0
								18	67.9	0
								5	69.0	0
								23	70.0	0
								2	70.9	0
								7	71.7	0
								0	74.8	0
								4	76.3	0
								10	78.0	0
								1	80.0	0
								0	82.1	0
								0	82.4	0
								0	83.2	0
								0	84.1	0
								0	84.6	0
								0	85.4	0
								0	87.0	0
								0	87.6	0
								0	89.2	0
								0	90.2	0
								0	91.5	0
								0	92.3	0
								0	93.5	0
								0	95.0	0
								0	96.1	0
								0	97.2	0
								0	98.5	0
								0	99.0	0
								0	99.9	0

1 MONTH, 1968 FCC FILE - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

DIRECTION	5	1	DIRECTION	165	2
DIRECTION	10	3	DIRECTION	190	3
DIRECTION	15	0	DIRECTION	195	0
DIRECTION	20	4	DIRECTION	200	2
DIRECTION	25	2	DIRECTION	205	0
DIRECTION	30	4	DIRECTION	210	2
DIRECTION	35	1	DIRECTION	215	0
DIRECTION	40	1	DIRECTION	220	0
DIRECTION	45	1	DIRECTION	225	1
DIRECTION	50	3	DIRECTION	230	0
DIRECTION	55	3	DIRECTION	235	0
DIRECTION	60	6	DIRECTION	240	0
DIRECTION	65	3	DIRECTION	245	0
DIRECTION	70	6	DIRECTION	250	0
DIRECTION	75	4	DIRECTION	255	0
DIRECTION	80	8	DIRECTION	260	1
DIRECTION	85	7	DIRECTION	265	1
DIRECTION	90	11	DIRECTION	270	0
DIRECTION	95	15	DIRECTION	275	0
DIRECTION	100	3	DIRECTION	280	1
DIRECTION	105	11	DIRECTION	285	1
DIRECTION	110	9	DIRECTION	290	1
DIRECTION	115	14	DIRECTION	295	1
DIRECTION	120	5	DIRECTION	300	8
DIRECTION	125	4	DIRECTION	305	5
DIRECTION	130	10	DIRECTION	310	2
DIRECTION	135	4	DIRECTION	315	6
DIRECTION	140	9	DIRECTION	320	1
DIRECTION	145	4	DIRECTION	325	6
DIRECTION	150	5	DIRECTION	330	5
DIRECTION	155	6	DIRECTION	335	1
DIRECTION	160	8	DIRECTION	340	8
DIRECTION	165	3	DIRECTION	345	0
DIRECTION	170	4	DIRECTION	350	0
DIRECTION	175	3	DIRECTION	355	0
DIRECTION	180	1	DIRECTION	360	0

2 MONTHS

1968

FCC FYLD - KING  
NOMAD BUOY N35  
25.1 N LATITUDE • 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

AIR TEMP	99.3	0	AIR TEMP	67.2	3	AIR TEMP	39.8	0
AIR TEMP	98.6	0	AIR TEMP	67.0	5	AIR TEMP	38.7	0
AIR TEMP	97.8	0	AIR TEMP	66.1	16	AIR TEMP	37.3	0
AIR TEMP	96.9	0	AIR TEMP	65.5	10	AIR TEMP	36.0	0
AIR TEMP	96.3	0	AIR TEMP	64.8	9	AIR TEMP	34.8	0
AIR TEMP	95.9	0	AIR TEMP	63.9	8	AIR TEMP	33.8	0
AIR TEMP	95.3	0	AIR TEMP	63.1	7	AIR TEMP	32.9	0
AIR TEMP	94.5	0	AIR TEMP	62.3	9	AIR TEMP	32.2	0
AIR TEMP	93.9	0	AIR TEMP	61.2	4	AIR TEMP	31.4	0
AIR TEMP	93.1	0	AIR TEMP	60.8	6	AIR TEMP	30.9	0
AIR TEMP	91.6	0	AIR TEMP	59.5	6	AIR TEMP	30.3	0
AIR TEMP	90.4	0	AIR TEMP	58.8	0	AIR TEMP	29.8	0
AIR TEMP	89.2	0	AIR TEMP	58.0	0	AIR TEMP	29.4	0
AIR TEMP	87.9	0	AIR TEMP	57.2	0	AIR TEMP	28.7	0
AIR TEMP	87.0	0	AIR TEMP	56.4	1	AIR TEMP	27.9	0
AIR TEMP	85.8	0	AIR TEMP	56.0	0	AIR TEMP	27.2	0
AIR TEMP	84.8	0	AIR TEMP	55.1	0	AIR TEMP	26.5	0
AIR TEMP	83.8	0	AIR TEMP	54.6	0	AIR TEMP	25.7	0
AIR TEMP	82.8	0	AIR TEMP	54.2	0	AIR TEMP	24.8	0
AIR TEMP	81.6	0	AIR TEMP	53.6	0	AIR TEMP	24.1	0
AIR TEMP	80.8	0	AIR TEMP	52.8	0	AIR TEMP	23.3	0
AIR TEMP	80.5	0	AIR TEMP	52.0	0	AIR TEMP	22.6	0
AIR TEMP	79.4	0	AIR TEMP	51.2	0	AIR TEMP	22.0	0
AIR TEMP	78.6	0	AIR TEMP	49.9	0	AIR TEMP	21.4	0
AIR TEMP	78.2	0	AIR TEMP	49.0	0	AIR TEMP	20.7	0
AIR TEMP	77.5	0	AIR TEMP	48.2	0	AIR TEMP	20.1	0
AIR TEMP	76.8	0	AIR TEMP	47.2	0	AIR TEMP	19.7	0
AIR TEMP	76.0	0	AIR TEMP	46.2	0	AIR TEMP	18.9	0
AIR TEMP	75.2	3	AIR TEMP	45.3	0	AIR TEMP	18.1	0
AIR TEMP	74.3	4	AIR TEMP	44.5	0	AIR TEMP	18.0	0
AIR TEMP	73.2	5	AIR TEMP	43.8	0	AIR TEMP	17.3	0
AIR TEMP	72.5	5	AIR TEMP	43.5	0	AIR TEMP	16.0	0
AIR TEMP	71.5	10	AIR TEMP	43.2	0	AIR TEMP	14.8	0
AIR TEMP	70.8	27	AIR TEMP	42.6	0	AIR TEMP	13.5	0
AIR TEMP	70.0	22	AIR TEMP	42.3	0	AIR TEMP	12.2	0
AIR TEMP	69.1	28	AIR TEMP	41.8	0	AIR TEMP	10.9	0
AIR TEMP	68.3	19	AIR TEMP	41.3	0	AIR TEMP	10.0	0
AIR TEMP	67.9	20	AIR TEMP	40.7	0	AIR TEMP	0.0	0

2 MONTHS 1968 FCC FTLD - KING

NOMAD BUOY N3S

25.1 N LATITUDE, 89.9 W LONGITUDE

FREQUENCY DISTRIBUTION

2 MONTHS 1968 FCC FTLD - KING

25.1°N LATITUDE, 89.9°W LONGITUDE

## FREQUENCY DISTRIBUTION

PRESSURE	951.9	0	PRESSURE	985.0	0	PRESSURE	1016.9	12
PRESSURE	952.8	0	PRESSURE	985.9	0	PRESSURE	1017.8	11
PRESSURE	953.7	0	PRESSURE	986.8	0	PRESSURE	1018.7	32
PRESSURE	954.6	0	PRESSURE	987.1	0	PRESSURE	1019.3	15
PRESSURE	955.5	0	PRESSURE	988.1	0	PRESSURE	1020.3	29
PRESSURE	956.7	0	PRESSURE	988.3	0	PRESSURE	1021.3	13
PRESSURE	957.6	0	PRESSURE	989.2	0	PRESSURE	1022.4	22
PRESSURE	958.3	0	PRESSURE	990.0	0	PRESSURE	1023.5	11
PRESSURE	959.1	0	PRESSURE	990.9	0	PRESSURE	1024.3	6
PRESSURE	960.1	0	PRESSURE	991.8	0	PRESSURE	1025.1	2
PRESSURE	960.9	0	PRESSURE	992.7	0	PRESSURE	1026.1	0
PRESSURE	961.3	0	PRESSURE	993.4	0	PRESSURE	1026.5	0
PRESSURE	962.1	0	PRESSURE	994.2	0	PRESSURE	1027.2	0
PRESSURE	963.2	0	PRESSURE	995.0	0	PRESSURE	1028.1	0
PRESSURE	963.7	0	PRESSURE	996.0	0	PRESSURE	1028.5	0
PRESSURE	964.7	0	PRESSURE	996.8	0	PRESSURE	1029.3	0
PRESSURE	965.9	0	PRESSURE	997.7	0	PRESSURE	1030.4	0
PRESSURE	966.6	0	PRESSURE	998.5	0	PRESSURE	1031.4	0
PRESSURE	967.5	0	PRESSURE	999.3	0	PRESSURE	1032.3	0
PRESSURE	968.3	0	PRESSURE	999.6	0	PRESSURE	1033.1	0
PRESSURE	969.0	0	PRESSURE	1000.4	0	PRESSURE	1034.2	0
PRESSURE	969.9	0	PRESSURE	1001.1	0	PRESSURE	1035.1	0
PRESSURE	970.9	0	PRESSURE	1001.5	0	PRESSURE	1036.0	0
PRESSURE	971.5	0	PRESSURE	1002.2	0	PRESSURE	1037.0	0
PRESSURE	972.3	0	PRESSURE	1003.1	0	PRESSURE	1038.0	0
PRESSURE	973.1	0	PRESSURE	1004.1	2	PRESSURE	1038.9	0
PRESSURE	973.8	0	PRESSURE	1005.2	1	PRESSURE	1040.0	0
PRESSURE	974.1	0	PRESSURE	1006.3	1	PRESSURE	1040.5	0
PRESSURE	974.7	0	PRESSURE	1007.1	6	PRESSURE	1041.2	0
PRESSURE	975.2	0	PRESSURE	1008.0	1	PRESSURE	1042.0	0
PRESSURE	975.5	0	PRESSURE	1009.1	0	PRESSURE	1042.3	0
PRESSURE	976.2	0	PRESSURE	1010.1	3	PRESSURE	1043.2	0
PRESSURE	977.1	0	PRESSURE	1011.0	10	PRESSURE	1044.3	0
PRESSURE	978.0	0	PRESSURE	1011.9	6	PRESSURE	1045.3	0
PRESSURE	979.1	0	PRESSURE	1012.9	14	PRESSURE	1046.5	0
PRESSURE	980.1	0	PRESSURE	1013.2	7	PRESSURE	1048.0	0
PRESSURE	981.1	0	PRESSURE	1014.0	1	PRESSURE	1049.2	0
PRESSURE	982.0	0	PRESSURE	1014.8	10	PRESSURE	1050.6	0
PRESSURE	983.0	0	PRESSURE	1015.2	2	PRESSURE	1051.7	0
PRESSURE	984.0	0	PRESSURE	1015.9	7	PRESSURE	1052.0	0

2 MONTHS 1968 FCC FTLD - KING

25.1 N LATITUDE 39.9 W LONGITUDE

NOMAD BUOY N35

FREQUENCY DISTRIBUTION

WIND SPEED	0.0	C	56.1
WIND SPEED	0.8	21	58.5
WIND SPEED	3.8	3	60.5
WIND SPEED	5.2	13	61.5
WIND SPEED	6.2	16	62.4
WIND SPEED	7.7	19	63.2
WIND SPEED	9.0	14	63.5
WIND SPEED	10.2	21	64.3
WIND SPEED	12.0	23	64.5
WIND SPEED	14.4	27	65.3
WIND SPEED	15.9	18	66.1
WIND SPEED	16.4	15	67.0
WIND SPEED	17.5	18	67.9
WIND SPEED	18.0	3	69.0
WIND SPEED	18.4	5	70.0
WIND SPEED	19.0	1	70.9
WIND SPEED	19.7	1	71.7
WIND SPEED	20.0	1	74.8
WIND SPEED	20.5	4	76.3
WIND SPEED	22.0	3	78.0
WIND SPEED	23.2	1	80.0
WIND SPEED	24.5	1	82.1
WIND SPEED	27.9	1	82.4
WIND SPEED	30.0	C	83.2
WIND SPEED	32.4	0	84.1
WIND SPEED	33.7	C	84.5
WIND SPEED	35.5	C	85.4
WIND SPEED	36.9	C	87.0
WIND SPEED	38.6	C	87.6
WIND SPEED	39.9	0	89.2
WIND SPEED	40.4	0	90.2
WIND SPEED	42.0	0	91.5
WIND SPEED	43.2	0	92.3
WIND SPEED	44.0	0	93.5
WIND SPEED	45.4	0	95.0
WIND SPEED	47.2	C	96.1
WIND SPEED	48.6	C	97.2
WIND SPEED	50.5	C	98.5
WIND SPEED	52.8	C	99.0
WIND SPEED	54.9	C	99.9

2 MCAW, 1968 FCC FTLD - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

FREQUENCY DISTRIBUTION

DIRECTION	5	4	185
DIRECTION	10	5	190
DIRECTION	15	1	195
DIRECTION	20	4	200
DIRECTION	25	1	205
DIRECTION	30	5	210
DIRECTION	35	4	215
DIRECTION	40	9	220
DIRECTION	45	8	225
DIRECTION	50	1	230
DIRECTION	55	5	235
DIRECTION	60	5	240
DIRECTION	65	2	245
DIRECTION	70	2	250
DIRECTION	75	1	255
DIRECTION	80	7	260
DIRECTION	85	5	265
DIRECTION	90	3	270
DIRECTION	95	7	275
DIRECTION	100	4	280
DIRECTION	105	6	285
DIRECTION	110	4	290
DIRECTION	115	5	295
DIRECTION	120	5	300
DIRECTION	125	4	305
DIRECTION	130	5	310
DIRECTION	135	1	315
DIRECTION	140	4	320
DIRECTION	145	4	325
DIRECTION	150	1	330
DIRECTION	155	5	335
DIRECTION	160	1	340
DIRECTION	165	3	345
DIRECTION	170	1	350
DIRECTION	175	3	355
DIRECTION	180	0	360

## FREQUENCY DISTRIBUTION

AIR TEMP	99.3	0	AIR TEMP	67.2	1	AIR TEMP	39.8	0
AIR TEMP	98.6	0	AIR TEMP	67.0	2	AIR TEMP	38.7	0
AIR TEMP	97.8	0	AIR TEMP	66.1	8	AIR TEMP	37.3	0
AIR TEMP	96.9	0	AIR TEMP	65.5	6	AIR TEMP	36.0	0
AIR TEMP	96.3	0	AIR TEMP	64.8	8	AIR TEMP	34.8	0
AIR TEMP	95.9	0	AIR TEMP	63.9	6	AIR TEMP	33.8	3
AIR TEMP	95.3	0	AIR TEMP	63.1	7	AIR TEMP	32.9	0
AIR TEMP	94.5	0	AIR TEMP	62.3	6	AIR TEMP	32.2	0
AIR TEMP	93.9	0	AIR TEMP	61.2	7	AIR TEMP	31.4	0
AIR TEMP	93.1	0	AIR TEMP	60.8	7	AIR TEMP	30.9	0
AIR TEMP	91.6	0	AIR TEMP	59.5	10	AIR TEMP	30.3	3
AIR TEMP	90.4	0	AIR TEMP	58.8	3	AIR TEMP	29.8	0
AIR TEMP	89.2	0	AIR TEMP	58.0	1	AIR TEMP	29.4	0
AIR TEMP	87.9	0	AIR TEMP	57.2	1	AIR TEMP	28.7	0
AIR TEMP	87.0	0	AIR TEMP	56.4	1	AIR TEMP	27.9	0
AIR TEMP	85.8	0	AIR TEMP	56.0	0	AIR TEMP	27.2	0
AIR TEMP	84.6	0	AIR TEMP	55.3	0	AIR TEMP	26.5	0
AIR TEMP	83.8	0	AIR TEMP	54.6	0	AIR TEMP	25.7	0
AIR TEMP	82.8	0	AIR TEMP	54.2	0	AIR TEMP	24.8	0
AIR TEMP	81.6	0	AIR TEMP	53.6	0	AIR TEMP	24.1	0
AIR TEMP	80.8	0	AIR TEMP	52.9	0	AIR TEMP	23.3	0
AIR TEMP	80.5	0	AIR TEMP	52.0	0	AIR TEMP	22.6	0
AIR TEMP	79.4	0	AIR TEMP	51.2	0	AIR TEMP	22.0	0
AIR TEMP	78.6	0	AIR TEMP	49.9	0	AIR TEMP	21.4	0
AIR TEMP	78.2	1	AIR TEMP	49.0	0	AIR TEMP	20.7	0
AIR TEMP	77.5	0	AIR TEMP	48.2	0	AIR TEMP	20.1	0
AIR TEMP	76.8	0	AIR TEMP	47.2	0	AIR TEMP	19.7	0
AIR TEMP	76.0	0	AIR TEMP	46.2	0	AIR TEMP	18.9	0
AIR TEMP	75.2	0	AIR TEMP	45.3	0	AIR TEMP	18.6	0
AIR TEMP	74.3	0	AIR TEMP	44.5	0	AIR TEMP	18.1	0
AIR TEMP	73.2	20	AIR TEMP	43.8	0	AIR TEMP	17.3	0
AIR TEMP	72.5	20	AIR TEMP	43.5	0	AIR TEMP	16.0	0
AIR TEMP	71.5	25	AIR TEMP	43.2	0	AIR TEMP	14.8	0
AIR TEMP	70.8	23	AIR TEMP	42.6	0	AIR TEMP	13.5	0
AIR TEMP	70.0	20	AIR TEMP	42.3	0	AIR TEMP	12.2	0
AIR TEMP	69.1	31	AIR TEMP	41.8	0	AIR TEMP	10.9	0
AIR TEMP	68.3	7	AIR TEMP	41.3	0	AIR TEMP	10.0	0
AIR TEMP	67.9	10	AIR TEMP	40.7	0	AIR TEMP	0.0	0

CONTINUOUS FIBER CLOTH - KINGS

NOMAD BUY N35

25.91 LATITUDE : 69.9 N LONGITUDE

FREQUENCY DISTRIBUTION

H2C TEMP	94.3
H2C TEMP	93.4
H2C TEMP	92.3
H2C TEMP	91.3
H2C TEMP	90.8
H2C TEMP	90.7
H2C TEMP	88.9
H2C TEMP	88.4
H2C TEMP	87.7
H2C TEMP	86.8
H2C TEMP	86.3
H2C TEMP	85.5
H2C TEMP	84.6
H2C TEMP	83.9
H2C TEMP	82.8
H2C TEMP	82.0
H2C TEMP	81.3
H2C TEMP	80.3
H2C TEMP	79.2
H2C TEMP	78.5
H2C TEMP	77.5
H2C TEMP	76.8
H2C TEMP	76.4
H2C TEMP	76.1
H2C TEMP	75.5
H2C TEMP	75.0
H2C TEMP	74.8
H2C TEMP	74.2
H2C TEMP	73.6
H2C TEMP	73.0
H2C TEMP	71.9
H2C TEMP	70.2
H2C TEMP	69.4
H2C TEMP	68.4
H2C TEMP	67.7
H2C TEMP	66.9
H2C TEMP	66.2
H2C TEMP	65.6

H2O	TEMP	64.4
H2O	TEMP	64.4
H2O	TEMP	63.8
H2O	TEMP	63.8
H2O	TEMP	62.8
H2O	TEMP	62.8
H2O	TEMP	62.1
H2O	TEMP	62.1
H2O	TEMP	61.4
H2O	TEMP	61.4
H2O	TEMP	60.8
H2O	TEMP	60.8
H2O	TEMP	60.1
H2O	TEMP	60.1
H2O	TEMP	59.3
H2O	TEMP	58.6
H2O	TEMP	58.6
H2O	TEMP	57.8
H2O	TEMP	57.8
H2O	TEMP	57.2
H2O	TEMP	57.2
H2O	TEMP	56.5
H2O	TEMP	56.5
H2O	TEMP	55.9
H2O	TEMP	55.6
H2O	TEMP	55.6
H2O	TEMP	55.1
H2O	TEMP	54.5
H2O	TEMP	54.5
H2O	TEMP	54.2
H2O	TEMP	54.2
H2O	TEMP	53.7
H2O	TEMP	53.7
H2O	TEMP	52.9
H2O	TEMP	52.9
H2O	TEMP	52.2
H2O	TEMP	52.2
H2O	TEMP	51.4
H2O	TEMP	51.4
H2O	TEMP	50.7
H2O	TEMP	50.7
H2O	TEMP	50.1
H2O	TEMP	49.4
H2O	TEMP	48.7
H2O	TEMP	48.0
H2O	TEMP	47.3
H2O	TEMP	46.6
H2O	TEMP	46.0
H2O	TEMP	45.6
H2O	TEMP	45.2
H2O	TEMP	44.8
H2O	TEMP	44.2
H2O	TEMP	43.7
H2O	TEMP	42.8
H2O	TEMP	41.9
H2O	TEMP	41.1
H2O	TEMP	40.2

1 MONTH 1966 FCC FYLD - XINC

25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	
PRESSURE	951.0	0	PRESSURE	965.0	0	PRESSURE	1016.9
PRESSURE	952.0	0	PRESSURE	965.9	0	PRESSURE	1017.8
PRESSURE	953.7	0	PRESSURE	966.9	0	PRESSURE	1018.7
PRESSURE	954.6	0	PRESSURE	967.1	0	PRESSURE	1019.3
PRESSURE	955.6	0	PRESSURE	968.1	0	PRESSURE	1020.3
PRESSURE	956.7	0	PRESSURE	968.3	0	PRESSURE	1021.3
PRESSURE	957.6	0	PRESSURE	969.2	0	PRESSURE	1022.4
PRESSURE	958.3	0	PRESSURE	970.0	0	PRESSURE	1023.5
PRESSURE	959.1	0	PRESSURE	970.9	0	PRESSURE	1024.3
PRESSURE	960.1	0	PRESSURE	971.8	0	PRESSURE	1025.1
PRESSURE	960.9	0	PRESSURE	972.7	0	PRESSURE	1026.1
PRESSURE	961.3	0	PRESSURE	972.4	0	PRESSURE	1026.5
PRESSURE	962.1	0	PRESSURE	974.2	0	PRESSURE	1027.2
PRESSURE	963.2	0	PRESSURE	975.0	0	PRESSURE	1028.1
PRESSURE	963.7	0	PRESSURE	976.0	0	PRESSURE	1028.5
PRESSURE	964.7	0	PRESSURE	976.8	0	PRESSURE	1029.3
PRESSURE	965.9	0	PRESSURE	977.7	0	PRESSURE	1030.4
PRESSURE	966.6	0	PRESSURE	978.5	0	PRESSURE	1031.4
PRESSURE	967.5	0	PRESSURE	979.3	0	PRESSURE	1032.3
PRESSURE	968.3	0	PRESSURE	979.6	0	PRESSURE	1033.1
PRESSURE	969.0	0	PRESSURE	1000.4	0	PRESSURE	1034.2
PRESSURE	969.4	0	PRESSURE	1001.1	0	PRESSURE	1035.1
PRESSURE	970.9	0	PRESSURE	1001.5	0	PRESSURE	1036.0
PRESSURE	971.5	0	PRESSURE	1002.2	0	PRESSURE	1037.0
PRESSURE	972.3	0	PRESSURE	1003.1	0	PRESSURE	1038.0
PRESSURE	973.1	0	PRESSURE	1004.1	0	PRESSURE	1038.9
PRESSURE	973.8	0	PRESSURE	1005.2	0	PRESSURE	1044.0
PRESSURE	974.1	0	PRESSURE	1006.3	0	PRESSURE	1044.3
PRESSURE	974.7	0	PRESSURE	1007.1	0	PRESSURE	1044.3
PRESSURE	975.2	0	PRESSURE	1008.0	0	PRESSURE	1044.0
PRESSURE	975.5	0	PRESSURE	1009.1	0	PRESSURE	1044.3
PRESSURE	976.2	0	PRESSURE	1010.1	0	PRESSURE	1043.2
PRESSURE	977.1	0	PRESSURE	1011.0	0	PRESSURE	1044.3
PRESSURE	978.0	0	PRESSURE	1011.9	0	PRESSURE	1045.3
PRESSURE	979.1	0	PRESSURE	1012.9	0	PRESSURE	1046.5
PRESSURE	980.1	0	PRESSURE	1012.2	0	PRESSURE	1048.0
PRESSURE	981.1	0	PRESSURE	1014.0	0	PRESSURE	1049.2
PRESSURE	982.0	0	PRESSURE	1014.8	0	PRESSURE	1050.6
PRESSURE	983.0	0	PRESSURE	1015.2	0	PRESSURE	1051.7
PRESSURE	984.0	0	PRESSURE	1015.9	0	PRESSURE	0.0

3 MONTHS 1968 FCC FTLD - KING

NOMAD BUOY N35 25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

WIND SPEED	0.0	0
WIND SPEED	0.8	1
WIND SPEED	3.6	5
WIND SPEED	5.2	4
WIND SPEED	6.2	4
WIND SPEED	7.7	11
WIND SPEED	9.0	16
WIND SPEED	10.2	45
WIND SPEED	12.0	25
WIND SPEED	14.4	41
WIND SPEED	15.9	32
WIND SPEED	16.4	14
WIND SPEED	17.5	14
WIND SPEED	18.0	6
WIND SPEED	18.4	9
WIND SPEED	19.0	1
WIND SPEED	19.7	0
WIND SPEED	20.0	2
WIND SPEED	20.5	3
WIND SPEED	22.0	2
WIND SPEED	23.2	5
WIND SPEED	24.9	1
WIND SPEED	27.6	1
WIND SPEED	30.0	11
WIND SPEED	32.6	0
WIND SPEED	33.1	0
WIND SPEED	35.5	0
WIND SPEED	36.5	0
WIND SPEED	38.6	0
WIND SPEED	39.5	0
WIND SPEED	40.4	0
WIND SPEED	42.0	0
WIND SPEED	43.2	0
WIND SPEED	44.0	0
WIND SPEED	45.4	0
WIND SPEED	47.2	0
WIND SPEED	48.6	0
WIND SPEED	50.5	0
WIND SPEED	52.6	0
WIND SPEED	54.9	0

3 MONTHS 1966

NOMAD BUOY N35

## FREQUENCY DISTRIBUTION

DIRECTION	FCC FTLD - KING	NOMAD BUOY N35	25.1 N LATITUDE,	89.9 W LONGITUDE
5	1	1	2	10
10	1	0	3	2
15	0	0	200	2
20	0	0	205	2
25	1	1	210	0
30	1	1	215	2
35	0	3	220	4
40	3	3	225	1
45	3	2	230	1
50	2	2	235	0
55	3	3	240	2
60	3	4	245	2
65	4	4	250	4
70	5	5	255	0
75	5	5	260	1
80	4	4	265	1
85	8	8	270	0
90	7	7	275	0
95	10	10	280	0
100	3	3	285	3
105	12	12	290	1
110	5	5	295	0
115	14	14	300	0
120	6	6	305	1
125	1	1	310	1
130	9	9	315	2
135	4	4	320	2
140	9	9	325	4
145	7	7	330	3
150	7	7	335	0
155	1	1	340	3
160	9	9	345	0
165	7	7	350	1
170	6	6	355	0
175	3	7	360	0
180				

4 MONTHS 1968 FCC FTLD - KING

25.1 N LATITUDE. 89.9 W LONGITUDE

FREQUENCY DISTRIBUTION

4 PONTE, 1968 FCC FIELD - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY

## DISTRIBUTION

	NOMAD	BUOY N3S	
H2C TEMP	94.3	0	H2O TEMP 64.6
H2C TEMP	93.4	0	H2O TEMP 64.4
H2C TEMP	92.3	0	H2O TEMP 63.8
H2C TEMP	91.6	0	H2O TEMP 63.3
H2C TEMP	90.8	0	H2O TEMP 62.8
H2C TEMP	89.7	0	H2O TEMP 62.1
H2C TEMP	88.9	0	H2O TEMP 61.4
H2C TEMP	88.4	0	H2O TEMP 60.8
H2C TEMP	87.7	0	H2O TEMP 60.1
H2C TEMP	86.8	0	H2O TEMP 59.3
H2C TEMP	86.3	0	H2O TEMP 58.6
H2C TEMP	85.5	0	H2O TEMP 57.8
H2C TEMP	84.6	0	H2O TEMP 57.2
H2C TEMP	83.9	0	H2O TEMP 56.5
H2C TEMP	82.8	0	H2O TEMP 55.9
H2C TEMP	82.0	0	H2O TEMP 55.6
H2C TEMP	81.3	0	H2O TEMP 55.1
H2C TEMP	80.3	0	H2O TEMP 54.5
H2C TEMP	79.2	0	H2O TEMP 54.2
H2C TEMP	78.5	1	H2O TEMP 53.7
H2C TEMP	77.5	3	H2O TEMP 52.9
H2C TEMP	76.8	4	H2O TEMP 52.2
H2C TEMP	76.4	1	H2O TEMP 51.4
H2C TEMP	76.1	58	H2O TEMP 50.7
H2C TEMP	75.5	6	H2O TEMP 50.1
H2C TEMP	75.0	24	H2O TEMP 49.4
H2C TEMP	74.8	20	H2O TEMP 48.7
H2C TEMP	74.2	38	H2O TEMP 48.0
H2C TEMP	73.6	23	H2O TEMP 47.3
H2C TEMP	72.9	17	H2O TEMP 46.8
H2C TEMP	71.9	21	H2O TEMP 46.0
H2C TEMP	70.9	6	H2O TEMP 45.6
H2C TEMP	70.2	0	H2O TEMP 45.2
H2O TEMP	69.4	0	H2O TEMP 44.8
H2C TEMP	68.4	0	H2O TEMP 44.2
H2C TEMP	67.7	0	H2O TEMP 43.7
H2C TEMP	66.9	0	H2O TEMP 42.8
H2C TEMP	66.2	0	H2O TEMP 41.9
H2C TEMP	65.6	1	H2O TEMP 41.1
H2C TEMP	65.1	0	H2O TEMP 40.2

4 PATH, 1968 FCC FLD - KING

NOMAD BUOY N3S 25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

PRESSURE	951.9	0	PRESSURE	985.0	0	PRESSURE	1016.9	34
PRESSURE	952.8	0	PRESSURE	985.9	0	PRESSURE	1017.8	22
PRESSURE	953.7	0	PRESSURE	986.8	0	PRESSURE	1018.7	26
PRESSURE	954.6	0	PRESSURE	987.1	0	PRESSURE	1019.3	14
PRESSURE	955.8	0	PRESSURE	988.1	0	PRESSURE	1020.3	5
PRESSURE	956.7	0	PRESSURE	988.3	0	PRESSURE	1021.3	0
PRESSURE	957.6	0	PRESSURE	989.2	0	PRESSURE	1022.4	1
PRESSURE	958.3	0	PRESSURE	990.0	0	PRESSURE	1023.5	0
PRESSURE	959.1	0	PRESSURE	990.9	0	PRESSURE	1024.3	0
PRESSURE	960.1	0	PRESSURE	991.8	0	PRESSURE	1025.1	0
PRESSURE	960.9	0	PRESSURE	992.7	0	PRESSURE	1026.1	0
PRESSURE	961.3	0	PRESSURE	993.4	0	PRESSURE	1026.5	0
PRESSURE	962.1	0	PRESSURE	994.2	0	PRESSURE	1027.2	0
PRESSURE	963.2	0	PRESSURE	995.0	0	PRESSURE	1028.1	0
PRESSURE	963.7	0	PRESSURE	996.0	0	PRESSURE	1028.5	0
PRESSURE	964.7	0	PRESSURE	996.8	0	PRESSURE	1029.3	0
PRESSURE	965.9	0	PRESSURE	997.7	0	PRESSURE	1030.4	0
PRESSURE	966.6	0	PRESSURE	998.5	0	PRESSURE	1031.4	0
PRESSURE	967.5	0	PRESSURE	999.3	0	PRESSURE	1032.3	0
PRESSURE	968.3	0	PRESSURE	999.6	0	PRESSURE	1033.1	0
PRESSURE	969.0	0	PRESSURE	1000.4	0	PRESSURE	1034.2	0
PRESSURE	969.9	0	PRESSURE	1001.1	0	PRESSURE	1035.1	0
PRESSURE	970.9	0	PRESSURE	1001.5	0	PRESSURE	1036.0	0
PRESSURE	971.5	0	PRESSURE	1002.2	2	PRESSURE	1037.0	0
PRESSURE	972.3	0	PRESSURE	1003.1	3	PRESSURE	1038.0	0
PRESSURE	973.1	0	PRESSURE	1004.1	0	PRESSURE	1036.9	0
PRESSURE	973.8	0	PRESSURE	1005.2	0	PRESSURE	1040.5	0
PRESSURE	974.1	0	PRESSURE	1006.3	0	PRESSURE	1040.5	0
PRESSURE	974.7	0	PRESSURE	1007.1	2	PRESSURE	1041.2	0
PRESSURE	975.2	0	PRESSURE	1008.0	0	PRESSURE	1042.0	0
PRESSURE	975.5	0	PRESSURE	1009.1	0	PRESSURE	1042.3	0
PRESSURE	976.2	0	PRESSURE	1010.1	1	PRESSURE	1043.2	0
PRESSURE	977.1	0	PRESSURE	1011.0	3	PRESSURE	1044.3	0
PRESSURE	978.0	0	PRESSURE	1011.9	7	PRESSURE	1045.3	0
PRESSURE	979.1	0	PRESSURE	1012.9	12	PRESSURE	1046.5	0
PRESSURE	980.1	0	PRESSURE	1013.2	24	PRESSURE	1046.0	0
PRESSURE	981.1	0	PRESSURE	1014.0	4	PRESSURE	1049.2	0
PRESSURE	982.0	0	PRESSURE	1014.8	34	PRESSURE	1050.6	0
PRESSURE	983.0	0	PRESSURE	1015.2	6	PRESSURE	1051.7	0
PRESSURE	984.0	0	PRESSURE	1015.9	32	PRESSURE	0.0	0

4 PCHIR.

1968 FCC FYLD - KING

NOMAD BUOY 435

25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

WIND SPEED	0.0	C	WIND SPEED	56.3
WIND SPEED	0.8	20	WIND SPEED	58.5
WIND SPEED	3.8	8	WIND SPEED	60.5
WIND SPEED	5.2	12	WIND SPEED	61.5
WIND SPEED	6.2	17	WIND SPEED	62.4
WIND SPEED	7.7	24	WIND SPEED	63.2
WIND SPEED	9.0	25	WIND SPEED	63.5
WIND SPEED	10.2	26	WIND SPEED	64.3
WIND SPEED	12.0	2C	WIND SPEED	64.5
WIND SPEED	14.4	28	WIND SPEED	65.3
WIND SPEED	15.9	15	WIND SPEED	66.1
WIND SPEED	16.4	13	WIND SPEED	67.0
WIND SPEED	17.5	8	WIND SPEED	67.9
WIND SPEED	18.0	3	WIND SPEED	69.0
WIND SPEED	18.4	6	WIND SPEED	70.0
WIND SPEED	19.0	0	WIND SPEED	70.9
WIND SPEED	19.7	0	WIND SPEED	71.7
WIND SPEED	20.0	2	WIND SPEED	74.8
WIND SPEED	20.5	1	WIND SPEED	76.3
WIND SPEED	22.0	0	WIND SPEED	78.0
WIND SPEED	23.2	1	WIND SPEED	80.0
WIND SPEED	24.9	1	WIND SPEED	82.1
WIND SPEED	27.5	0	WIND SPEED	82.4
WIND SPEED	30.0	0	WIND SPEED	83.2
WIND SPEED	32.0	0	WIND SPEED	84.1
WIND SPEED	33.7	0	WIND SPEED	84.6
WIND SPEED	35.5	0	WIND SPEED	85.4
WIND SPEED	36.5	0	WIND SPEED	87.0
WIND SPEED	38.5	0	WIND SPEED	87.6
WIND SPEED	39.9	0	WIND SPEED	89.2
WIND SPEED	40.4	0	WIND SPEED	90.2
WIND SPEED	42.0	0	WIND SPEED	91.5
WIND SPEED	43.2	0	WIND SPEED	92.3
WIND SPEED	44.0	0	WIND SP	93.5
WIND SPEED	45.6	0	WIND SP	95.0
WIND SPEED	47.2	0	WIND SPEED	96.1
WIND SPEED	48.6	0	WIND SPEED	97.2
WIND SPEED	50.5	0	WIND SPEED	98.5
WIND SPEED	52.8	0	WIND SPEED	99.0
WIND SPEED	54.5	0	WIND SPEED	99.9

FCC FTLD - KING  
1968 PCATR. 44

NOMAD BUOY N3S 25.1 N LATITUDE, 89.9 W LONGITUDE

FREQUENCY OF STAINLESS STEEL

FCC	FTLD - KING	NOMAD	BUOY N3S	FREQUENCY	DISTRIBUTION
DIRECTION	5				
DIRECTION	10				
DIRECTION	15				
DIRECTION	20				
DIRECTION	25	1	1	1	185
DIRECTION	30	1	1	1	190
DIRECTION	35	1	1	1	195
DIRECTION	40	2	1	1	200
DIRECTION	45	0	2	2	205
DIRECTION	50	0	2	2	210
DIRECTION	55	0	3	3	215
DIRECTION	60	3	3	1	220
DIRECTION	65	2	2	1	225
DIRECTION	70	4	2	1	230
DIRECTION	75	2	2	1	235
DIRECTION	80	2	3	1	240
DIRECTION	85	3	6	1	245
DIRECTION	90	6	6	0	250
DIRECTION	95	2	2	0	255
DIRECTION	100	2	2	0	260
DIRECTION	105	7	4	1	265
DIRECTION	110	4	4	1	270
DIRECTION	115	7	4	0	275
DIRECTION	120	4	4	0	280
DIRECTION	125	2	2	1	285
DIRECTION	130	5	4	3	290
DIRECTION	135	6	6	1	295
DIRECTION	140	10	10	0	300
DIRECTION	145	10	10	0	305
DIRECTION	150	7	7	0	310
DIRECTION	155	7	7	0	315
DIRECTION	160	20	0	0	320
DIRECTION	165	9	0	0	325
DIRECTION	170	10	0	0	330
DIRECTION	175	3	0	0	335
DIRECTION	180	0	0	0	340
DIRECTION	185	0	0	0	345
DIRECTION	190	0	0	0	350
DIRECTION	195	0	0	0	355
DIRECTION	200	0	0	0	360

5 MONTHS 1958 FCC FTLD - KING

25.1 N LATITUDE. 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

MOMAD	BUOY N3S	
AIR TEMP	99.3	0
AIR TEMP	98.6	0
AIR TEMP	97.8	0
AIR TEMP	96.9	0
AIR TEMP	96.3	0
AIR TEMP	95.9	0
AIR TEMP	95.3	0
AIR TEMP	94.5	0
AIR TEMP	93.9	0
AIR TEMP	93.1	0
AIR TEMP	91.6	0
AIR TEMP	90.4	0
AIR TEMP	89.2	0
AIR TEMP	87.9	0
AIR TEMP	87.0	0
AIR TEMP	85.6	2
AIR TEMP	84.8	1
AIR TEMP	83.8	2
AIR TEMP	82.8	7
AIR TEMP	81.6	6
AIR TEMP	80.8	6
AIR TEMP	80.5	78
AIR TEMP	79.4	2
AIR TEMP	78.6	30
AIR TEMP	78.2	29
AIR TEMP	77.5	33
AIR TEMP	76.8	26
AIR TEMP	76.0	20
AIR TEMP	75.2	14
AIR TEMP	74.3	7
AIR TEMP	73.2	0
AIR TEMP	72.5	0
AIR TEMP	71.5	0
AIR TEMP	70.8	0
AIR TEMP	70.0	1
AIR TEMP	69.1	1
AIR TEMP	68.3	3
AIR TEMP	67.9	0
AIR TEMP	67.2	0
AIR TEMP	67.0	0
AIR TEMP	66.1	0
AIR TEMP	65.5	0
AIR TEMP	64.9	0
AIR TEMP	63.9	0
AIR TEMP	63.1	0
AIR TEMP	62.3	0
AIR TEMP	61.2	0
AIR TEMP	60.8	0
AIR TEMP	59.5	0
AIR TEMP	58.8	0
AIR TEMP	58.0	0
AIR TEMP	57.2	0
AIR TEMP	56.4	0
AIR TEMP	56.0	0
AIR TEMP	55.3	0
AIR TEMP	54.6	0
AIR TEMP	54.2	0
AIR TEMP	53.6	0
AIR TEMP	52.8	0
AIR TEMP	52.0	0
AIR TEMP	51.2	0
AIR TEMP	49.9	0
AIR TEMP	49.0	0
AIR TEMP	48.2	0
AIR TEMP	47.2	0
AIR TEMP	46.2	0
AIR TEMP	45.3	0
AIR TEMP	44.5	0
AIR TEMP	43.8	0
AIR TEMP	43.5	0
AIR TEMP	43.2	0
AIR TEMP	42.6	0
AIR TEMP	42.3	0
AIR TEMP	41.8	0
AIR TEMP	41.7	0
AIR TEMP	40.7	0
AIR TEMP	39.8	0
AIR TEMP	38.7	0
AIR TEMP	37.3	0
AIR TEMP	36.0	0
AIR TEMP	34.8	0
AIR TEMP	33.8	0
AIR TEMP	32.9	0
AIR TEMP	32.2	0
AIR TEMP	31.4	0
AIR TEMP	30.9	0
AIR TEMP	30.3	0
AIR TEMP	29.8	0
AIR TEMP	29.4	0
AIR TEMP	28.7	0
AIR TEMP	27.9	0
AIR TEMP	27.2	0
AIR TEMP	26.5	0
AIR TEMP	25.7	0
AIR TEMP	24.8	0
AIR TEMP	24.1	0
AIR TEMP	23.3	0
AIR TEMP	22.6	0
AIR TEMP	22.0	0
AIR TEMP	21.4	0
AIR TEMP	20.7	0
AIR TEMP	20.1	0
AIR TEMP	19.7	0
AIR TEMP	18.9	0
AIR TEMP	18.6	0
AIR TEMP	18.1	0
AIR TEMP	17.3	0
AIR TEMP	16.0	0
AIR TEMP	14.8	0
AIR TEMP	13.5	0
AIR TEMP	12.2	0
AIR TEMP	10.9	0
AIR TEMP	10.0	0
AIR TEMP	0.0	0

S. POINT, 1968	FCC FTLD - KING	NOMAC BUOY N35	FREQUENCY DISTRIBUTION	25.1 N LATITUDE, 89.9 W LONGITUDE
H2C TEMP	94.3	0	H20 TEMP	64.6
H2C TEMP	93.4	0	H20 TEMP	64.4
H2C TEMP	92.3	0	H20 TEMP	63.8
H2C TEMP	91.6	0	H20 TEMP	63.3
H2C TEMP	90.8	0	H20 TEMP	62.8
H2C TEMP	89.7	0	H20 TEMP	62.1
H2C TEMP	89.9	0	H20 TEMP	51.4
H2C TEMP	88.4	0	H20 TEMP	60.4
H2C TEMP	87.7	0	H20 TEMP	60.1
H2C TEMP	86.8	0	H20 TEMP	59.3
H2C TEMP	86.3	1	H20 TEMP	58.6
H2C TEMP	85.5	0	H20 TEMP	57.8
H2C TEMP	84.6	0	H20 TEMP	57.2
H2C TEMP	83.9	1	H20 TEMP	56.5
H2C TEMP	82.8	4	H20 TEMP	55.9
H2C TEMP	82.0	3	H20 TEMP	55.6
H2C TEMP	81.3	17	H20 TEMP	55.1
H2C TEMP	80.3	30	H20 TEMP	54.5
H2C TEMP	79.2	55	H20 TEMP	54.2
H2C TEMP	78.5	27	H20 TEMP	52.7
H2C TEMP	77.5	22	H20 TEMP	52.9
H2C TEMP	76.8	41	H20 TEMP	52.2
H2C TEMP	76.4	18	H20 TEMP	51.4
H2C TEMP	76.1	10	H20 TEMP	50.7
H2C TEMP	75.5	0	H20 TEMP	50.1
H2C TEMP	75.0	0	H20 TEMP	49.4
H2C TEMP	74.8	0	H20 TEMP	48.7
H2C TEMP	74.2	0	H20 TEMP	48.0
H2C TEMP	73.6	0	H20 TEMP	47.3
H2C TEMP	72.9	4	H20 TEMP	46.8
H2C TEMP	71.9	0	H20 TEMP	46.0
H2C TEMP	70.9	0	H20 TEMP	45.6
H2C TEMP	70.2	0	H20 TEMP	45.2
H2C TEMP	69.4	0	H20 TEMP	44.8
H2C TEMP	68.6	0	H20 TEMP	44.2
H2C TEMP	67.7	0	H20 TEMP	43.7
H2C TEMP	66.9	0	H20 TEMP	42.8
H2C TEMP	66.2	0	H20 TEMP	41.9
H2C TEMP	65.6	0	H20 TEMP	41.1
H2C TEMP	65.1	0	H20 TEMP	40.2

5 MARCH 1968

FCC

FTL0 - KING

NOMAD JUDY N3S

25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

PRESSURE	951.9	0	PRESSURE	985.0	0	PRESSURE	1016.9	18
PRESSURE	952.8	0	PRESSURE	985.7	0	PRESSURE	1017.8	10
PRESSURE	953.7	0	PRESSURE	986.8	0	PRESSURE	1018.7	2
PRESSURE	954.6	0	PRESSURE	987.1	0	PRESSURE	1019.3	0
PRESSURE	955.6	0	PRESSURE	988.1	0	PRESSURE	1020.3	0
PRESSURE	956.7	0	PRESSURE	988.3	0	PRESSURE	1021.3	1
PRESSURE	957.6	1	PRESSURE	989.2	0	PRESSURE	1022.4	0
PRESSURE	958.3	0	PRESSURE	990.0	0	PRESSURE	1023.5	0
PRESSURE	959.1	0	PRESSURE	990.9	0	PRESSURE	1024.3	1
PRESSURE	960.	0	PRESSURE	991.9	0	PRESSURE	1025.1	0
PRESSURE	960.9	0	PRESSURE	992.7	0	PRESSURE	1026.1	0
PRESSURE	961.3	0	PRESSURE	993.4	0	PRESSURE	1026.5	0
PRESSURE	962.1	0	PRESSURE	994.2	0	PRESSURE	1027.2	0
PRESSURE	963.2	0	PRESSURE	995.0	0	PRESSURE	1028.1	0
PRESSURE	963.7	0	PRESSURE	996.0	0	PRESSURE	1028.5	0
PRESSURE	964.7	0	PRESSURE	996.8	0	PRESSURE	1029.3	0
PRESSURE	965.9	0	PRESSURE	997.7	0	PRESSURE	1030.4	0
PRESSURE	966.6	0	PRESSURE	998.5	0	PRESSURE	1031.4	0
PRESSURE	967.5	0	PRESSURE	999.3	0	PRESSURE	1032.3	0
PRESSURE	968.3	0	PRESSURE	999.6	0	PRESSURE	1033.1	0
PRESSURE	969.0	0	PRESSURE	1000.4	0	PRESSURE	1034.2	0
PRESSURE	969.9	0	PRESSURE	1001.1	0	PRESSURE	1035.1	1
PRESSURE	970.9	0	PRESSURE	1001.5	0	PRESSURE	1036.0	0
PRESSURE	971.5	0	PRESSURE	1002.2	0	PRESSURE	1037.0	0
PRESSURE	972.3	0	PRESSURE	1003.1	0	PRESSURE	1039.0	0
PRESSURE	973.1	0	PRESSURE	1004.1	1	PRESSURE	1040.9	0
PRESSURE	973.8	0	PRESSURE	1005.2	0	PRESSURE	1040.0	0
PRESSURE	974.1	0	PRESSURE	1006.3	0	PRESSURE	1040.5	0
PRESSURE	974.7	0	PRESSURE	1007.1	0	PRESSURE	1041.2	0
PRESSURE	975.2	0	PRESSURE	1008.0	3	PRESSURE	1042.0	0
PRESSURE	975.5	0	PRESSURE	1009.1	9	PRESSURE	1042.3	0
PRESSURE	976.2	0	PRESSURE	1010.1	27	PRESSURE	1043.2	0
PRESSURE	977.1	0	PRESSURE	1011.0	21	PRESSURE	1044.3	0
PRESSURE	978.0	0	PRESSURE	1011.9	24	PRESSURE	1045.3	0
PRESSURE	979.1	0	PRESSURE	1012.9	22	PRESSURE	1046.5	0
PRESSURE	980.1	0	PRESSURE	1013.2	37	PRESSURE	1048.0	0
PRESSURE	981.1	0	PRESSURE	1014.0	0	PRESSURE	1049.2	0
PRESSURE	982.0	0	PRESSURE	1014.9	29	PRESSURE	1050.6	0
PRESSURE	983.0	0	PRESSURE	1015.2	4	PRESSURE	1051.7	0
PRESSURE	984.0	0	PRESSURE	1015.9	26	PRESSURE	0.0	0

5 MONTHS,	1968	FCC	FTLD - KING	NOMAD	BUOY N3S	FREQUENCY DISTRIBUTION		25.1 N LATITUDE, 89.9 W LONGITUDE
						WIND SPEED	WIND SPEED	
				0.0	0	0.8	5	56.3
				WIND SPEED	0.8	3.8	5	58.5
				WIND SPEED	5.2	5.2	3	60.5
				WIND SPEED	6.2	7	2	61.5
				WIND SPEED	7.7	24	48	62.4
				WIND SPEED	9.0	29	25	63.2
				WIND SPEED	10.2	25	22	63.5
				WIND SPEED	12.0	4.8	4.8	64.3
				WIND SPEED	14.4	21	21	64.5
				WIND SPEED	15.9	19	19	65.3
				WIND SPEED	16.4	23	23	66.1
				WIND SPEED	17.5	0	0	67.0
				WIND SPEED	18.0	2	2	67.9
				WIND SPEED	18.4	4	4	69.0
				WIND SPEED	19.0	1	1	70.0
				WIND SPEED	19.7	1	1	70.9
				WIND SPEED	20.0	0	0	71.7
				WIND SPEED	20.5	1	1	71.7
				WIND SPEED	22.0	1	1	74.8
				WIND SPEED	23.2	0	0	74.8
				WIND SPEED	24.9	0	0	76.3
				WIND SPEED	27.9	0	0	76.3
				WIND SPEED	30.0	0	0	78.0
				WIND SPEED	32.0	0	0	80.0
				WIND SPEED	33.7	0	0	82.1
				WIND SPEED	35.5	0	0	82.4
				WIND SPEED	36.9	0	0	83.2
				WIND SPEED	38.6	0	0	84.1
				WIND SPEED	39.9	0	0	84.6
				WIND SPEED	40.4	0	0	85.4
				WIND SPEED	42.0	0	0	87.0
				WIND SPEED	43.2	0	0	87.6
				WIND SPEED	44.6	0	0	89.2
				WIND SPEED	45.4	0	0	90.2
				WIND SPEED	47.2	0	0	91.5
				WIND SPEED	48.6	0	0	92.3
				WIND SPEED	50.5	0	0	93.5
				WIND SPEED	52.8	0	0	95.0
				WIND SPEED	54.9	0	0	96.1

5 MONTHS 1968

FCC FTLD - KING

25.1 N LATITUDE • 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

DIRECTION	5	2
DIRECTION	10	0
DIRECTION	15	1
DIRECTION	20	0
DIRECTION	25	0
DIRECTION	30	0
DIRECTION	35	2
DIRECTION	40	3
DIRECTION	45	0
DIRECTION	50	1
DIRECTION	55	0
DIRECTION	60	1
DIRECTION	65	1
DIRECTION	70	2
DIRECTION	75	3
DIRECTION	80	5
DIRECTION	85	4
DIRECTION	90	2
DIRECTION	95	5
DIRECTION	100	1
DIRECTION	105	6
DIRECTION	110	3
DIRECTION	115	11
DIRECTION	120	3
DIRECTION	125	3
DIRECTION	130	10
DIRECTION	135	4
DIRECTION	140	12
DIRECTION	145	14
DIRECTION	150	4
DIRECTION	155	6
DIRECTION	160	11
DIRECTION	165	4
DIRECTION	170	6
DIRECTION	175	4
DIRECTION	180	10
DIRECTION	185	5
DIRECTION	190	13
DIRECTION	195	1
DIRECTION	200	6
DIRECTION	205	9
DIRECTION	210	5
DIRECTION	215	0
DIRECTION	220	8
DIRECTION	225	1
DIRECTION	230	4
DIRECTION	235	2
DIRECTION	240	11
DIRECTION	245	0
DIRECTION	250	2
DIRECTION	255	1
DIRECTION	260	3
DIRECTION	265	0
DIRECTION	270	4
DIRECTION	275	1
DIRECTION	280	1
DIRECTION	285	1
DIRECTION	290	0
DIRECTION	295	1
DIRECTION	300	1
DIRECTION	305	2
DIRECTION	310	0
DIRECTION	315	2
DIRECTION	320	0
DIRECTION	325	2
DIRECTION	330	0
DIRECTION	335	0
DIRECTION	340	0
DIRECTION	345	0
DIRECTION	350	0
DIRECTION	355	0
DIRECTION	360	0

6 MONTHS 1968 FCC FTLD - KING

25.1 N LATITUDE+ 89.9 W LONGITUDE+

## FREQUENCY DISTRIBUTION

	NOMAD	BUOY N3S
AIR TEMP	99.3	0
AIR TEMP	98.6	0
AIR TEMP	97.8	0
AIR TEMP	96.9	0
AIR TEMP	96.3	0
AIR TEMP	95.9	0
AIR TEMP	95.9	0
AIR TEMP	95.3	0
AIR TEMP	94.5	0
AIR TEMP	93.9	1
AIR TEMP	93.1	0
AIR TEMP	91.6	0
AIR TEMP	90.4	2
AIR TEMP	89.2	2
AIR TEMP	87.9	1
AIR TEMP	87.0	2
AIR TEMP	85.8	7
AIR TEMP	84.6	30
AIR TEMP	83.8	34
AIR TEMP	82.8	48
AIR TEMP	81.6	45
AIR TEMP	80.8	13
AIR TEMP	80.5	30
AIR TEMP	79.4	1
AIR TEMP	78.6	5
AIR TEMP	78.2	2
AIR TEMP	77.5	0
AIR TEMP	76.8	0
AIR TEMP	76.0	0
AIR TEMP	75.2	0
AIR TEMP	74.3	0
AIR TEMP	73.2	3
AIR TEMP	72.5	3
AIR TEMP	71.5	0
AIR TEMP	70.8	0
AIR TEMP	70.0	0
AIR TEMP	69.1	0
AIR TEMP	68.3	1
AIR TEMP	67.9	0
AIR TEMP	67.2	0
AIR TEMP	67.0	0
AIR TEMP	66.1	0
AIR TEMP	65.5	0
AIR TEMP	64.8	0
AIR TEMP	63.9	0
AIR TEMP	63.1	0
AIR TEMP	62.3	0
AIR TEMP	61.2	0
AIR TEMP	60.8	0
AIR TEMP	59.5	0
AIR TEMP	58.8	0
AIR TEMP	58.0	0
AIR TEMP	57.2	0
AIR TEMP	56.4	0
AIR TEMP	56.0	0
AIR TEMP	55.3	0
AIR TEMP	54.6	0
AIR TEMP	54.2	0
AIR TEMP	53.6	0
AIR TEMP	52.8	0
AIR TEMP	52.0	0
AIR TEMP	51.2	0
AIR TEMP	49.9	0
AIR TEMP	49.0	0
AIR TEMP	48.2	0
AIR TEMP	47.2	0
AIR TEMP	46.7	0
AIR TEMP	45.3	0
AIR TEMP	44.5	0
AIR TEMP	43.8	0
AIR TEMP	43.5	0
AIR TEMP	43.2	0
AIR TEMP	42.6	0
AIR TEMP	42.3	0
AIR TEMP	41.8	0
AIR TEMP	41.3	0
AIR TEMP	40.7	0
AIR TEMP	39.5	0
AIR TEMP	33.7	0
AIR TEMP	37.3	0
AIR TEMP	36.0	0
AIR TEMP	34.8	0
AIR TEMP	33.8	0
AIR TEMP	32.9	0
AIR TEMP	32.2	0
AIR TEMP	31.4	0
AIR TEMP	30.9	0
AIR TEMP	30.3	0
AIR TEMP	29.8	0
AIR TEMP	28.4	0
AIR TEMP	29.7	0
AIR TEMP	27.9	0
AIR TEMP	27.2	0
AIR TEMP	26.5	0
AIR TEMP	25.7	0
AIR TEMP	24.8	0
AIR TEMP	24.1	0
AIR TEMP	23.3	0
AIR TEMP	22.6	0
AIR TEMP	22.0	0
AIR TEMP	21.4	0
AIR TEMP	20.7	0
AIR TEMP	20.1	0
AIR TEMP	19.7	0
AIR TEMP	18.9	0
AIR TEMP	18.6	0
AIR TEMP	19.1	0
AIR TEMP	17.9	0
AIR TEMP	16.0	0
AIR TEMP	14.8	0
AIR TEMP	13.5	0
AIR TEMP	12.2	0
AIR TEMP	10.9	0
AIR TEMP	10.0	0
AIR TEMP	0.0	0

6 MONTHS 1968 FCC FTLD - KING

25.1 N LATITUDE. 89.9 W LONGIT' UDE

## FREQUENCY DISTRIBUTION

H2C TEMP	94.3	0
H2C TEMP	93.4	0
H2C TEMP	92.3	0
H2C TEMP	91.6	0
H2C TEMP	90.8	0
H2C TEMP	89.7	0
H2C TEMP	88.9	0
H2C TEMP	88.4	0
H2C TEMP	87.7	1
H2C TEMP	86.8	0
H2C TEMP	86.3	2
H2C TEMP	85.5	5
H2C TEMP	84.6	20
H2C TEMP	83.9	66
H2C TEMP	82.8	73
H2C TEMP	82.0	27
H2C TEMP	81.3	28
H2C TEMP	80.3	11
H2C TEMP	79.2	0
H2C TEMP	78.5	0
H2C TEMP	77.5	0
H2C TEMP	76.8	0
H2C TEMP	76.4	0
H2C TEMP	76.1	0
H2C TEMP	75.5	0
H2C TEMP	75.0	0
H2C TEMP	74.8	0
H2C TEMP	74.2	0
H2C TEMP	73.6	0
H2C TEMP	72.9	0
H2C TEMP	71.9	0
H2C TEMP	70.9	0
H2C TEMP	70.2	0
H2C TEMP	69.4	0
H2C TEMP	68.4	0
H2C TEMP	67.7	0
H2C TEMP	66.9	0
H2C TEMP	66.2	0
H2C TEMP	65.6	0
H2C TEMP	65.1	0

NOMAD BUOY N35

H2O TEMP	64.6	0
H2O TEMP	64.4	0
H2O TEMP	63.8	0
H2O TEMP	63.3	0
H2O TEMP	62.8	0
H2O TEMP	62.1	0
H2O TEMP	61.6	0
H2O TEMP	61.4	0
H2O TEMP	60.8	0
H2O TEMP	60.1	0
H2O TEMP	59.3	0
H2O TEMP	58.6	0
H2O TEMP	57.8	0
H2O TEMP	57.2	0
H2O TEMP	56.5	0
H2O TEMP	55.9	0
H2O TEMP	55.6	0
H2O TEMP	55.1	0
H2O TEMP	54.5	0
H2O TEMP	54.2	0
H2O TEMP	53.7	0
H2O TEMP	53.7	0
H2O TEMP	52.9	0
H2O TEMP	52.2	0
H2O TEMP	51.4	0
H2O TEMP	50.7	0
H2O TEMP	50.1	0
H2O TEMP	49.4	0
H2O TEMP	48.7	0
H2O TEMP	48.0	0
H2O TEMP	47.3	0
H2O TEMP	46.8	0
H2O TEMP	46.0	0
H2O TEMP	45.6	0
H2O TEMP	45.2	0
H2O TEMP	44.8	0
H2O TEMP	44.2	0
H2O TEMP	43.7	0
H2O TEMP	42.8	0
H2O TEMP	41.9	0
H2O TEMP	41.1	0
H2O TEMP	40.2	0

6 MONTHS 1968 FCC FTLD - KING

NOMAD BUOY N35

25.1° LATITUDE, 89.9° W LONGITUDE

## FREQUENCY DISTRIBUTION

PRESSURE	951.9	0	PRESSURE	985.0	0	PRESSURE	1016.9	12
PRESSURE	952.8	0	PRESSURE	985.9	0	PRESSURE	1017.8	13
PRESSURE	953.7	0	PRESSURE	986.8	0	PRESSURE	1018.7	4
PRESSURE	954.6	0	PRESSURE	987.1	0	PRESSURE	1019.3	1
PRESSURE	955.5	0	PRESSURE	988.1	0	PRESSURE	1020.3	1
PRESSURE	956.7	0	PRESSURE	988.3	0	PRESSURE	1021.3	0
PRESSURE	957.6	0	PRESSURE	989.2	0	PRESSURE	1022.4	0
PRESSURE	958.3	0	PRESSURE	990.0	0	PRESSURE	1023.5	0
PRESSURE	959.1	0	PRESSURE	990.9	0	PRESSURE	1024.3	0
PRESSURE	960.1	0	PRESSURE	991.8	0	PRESSURE	1025.1	0
PRESSURE	960.9	0	PRESSURE	992.7	0	PRESSURE	1026.1	0
PRESSURE	961.3	0	PRESSURE	993.4	0	PRESSURE	1026.5	0
PRESSURE	962.1	0	PRESSURE	994.2	0	PRESSURE	1027.2	0
PRESSURE	963.2	0	PRESSURE	995.0	0	PRESSURE	1028.1	0
PRESSURE	963.7	0	PRESSURE	996.0	0	PRESSURE	1028.5	1
PRESSURE	964.7	0	PRESSURE	996.8	0	PRESSURE	1029.3	0
PRESSURE	965.9	0	PRESSURE	997.7	0	PRESSURE	1030.4	0
PRESSURE	966.6	0	PRESSURE	998.5	0	PRESSURE	1031.4	0
PRESSURE	967.5	0	PRESSURE	999.3	0	PRESSURE	1032.3	0
PRESSURE	968.3	0	PRESSURE	999.6	0	PRESSURE	1033.1	0
PRESSURE	969.0	0	PRESSURE	1000.6	0	PRESSURE	1034.2	0
PRESSURE	969.9	0	PRESSURE	1001.1	0	PRESSURE	1035.1	0
PRESSURE	970.9	0	PRESSURE	1001.5	0	PRESSURE	1036.0	0
PRESSURE	971.5	0	PRESSURE	1002.2	0	PRESSURE	1037.0	0
PRESSURE	972.3	0	PRESSURE	1003.1	0	PRESSURE	1038.0	0
PRESSURE	973.1	0	PRESSURE	1004.1	0	PRESSURE	1042.3	0
PRESSURE	973.8	0	PRESSURE	1005.2	0	PRESSURE	1043.2	0
PRESSURE	974.1	0	PRESSURE	1006.3	0	PRESSURE	1044.3	0
PRESSURE	974.7	0	PRESSURE	1007.1	0	PRESSURE	1045.3	0
PRESSURE	975.2	0	PRESSURE	1008.0	1	PRESSURE	1046.5	0
PRESSURE	975.5	0	PRESSURE	1009.1	1	PRESSURE	1048.0	0
PRESSURE	976.2	0	PRESSURE	1010.1	12	PRESSURE	1049.2	0
PRESSURE	977.1	0	PRESSURE	1011.0	11	PRESSURE	1050.6	0
PRESSURE	978.0	0	PRESSURE	1011.9	13	PRESSURE	1051.7	0
PRESSURE	979.1	0	PRESSURE	1012.9	26	PRESSURE	1052.0	0
PRESSURE	980.1	0	PRESSURE	1013.2	41	PRESSURE	1053.0	0
PRESSURE	981.1	0	PRESSURE	1014.0	6	PRESSURE	1054.0	0
PRESSURE	982.0	0	PRESSURE	1014.8	37	PRESSURE	1055.0	0
PRESSURE	983.0	0	PRESSURE	1015.2	9	PRESSURE	1056.0	0
PRESSURE	984.0	0	PRESSURE	1015.9	27	PRESSURE	1057.0	0

6 MBRTH, 1968 FCC FILE - KING

NOMAD STUDY N35

25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

WIND SPEED	0.0	0	WIND SPEED	56.3
WIND SPEED	0.8	7	WIND SPEED	56.5
WIND SPEED	3.8	9	WIND SPEED	60.5
WIND SPEED	5.2	15	WIND SPEED	61.5
WIND SPEED	6.2	25	WIND SPEED	62.4
WIND SPEED	7.7	35	WIND SPEED	63.2
WIND SPEED	9.0	22	WIND SPEED	63.5
WIND SPEED	10.2	24	WIND SPEED	64.3
WIND SPEED	12.0	23	WIND SPEED	64.5
WIND SPEED	14.4	25	WIND SPEED	65.3
WIND SPEED	15.9	8	WIND SPEED	66.1
WIND SPEED	16.4	16	WIND SPEED	67.0
WIND SPEED	17.5	5	WIND SPEED	67.9
WIND SPEED	18.0	6	WIND SPEED	69.0
WIND SPEED	18.4	7	WIND SPEED	70.0
WIND SPEED	19.0	0	WIND SPEED	73.9
WIND SPEED	19.7	0	WIND SPEED	74.7
WIND SPEED	20.0	0	WIND SPEED	74.8
WIND SPEED	20.5	1	WIND SPEED	76.3
WIND SPEED	22.0	0	WIND SPEED	78.0
WIND SPEED	23.2	0	WIND SPEED	80.0
WIND SPEED	24.9	0	WIND SPEED	82.1
WIND SPEED	27.9	0	WIND SPEED	82.4
WIND SPEED	30.0	0	WIND SPEED	83.2
WIND SPEED	32.0	0	WIND SPEED	84.1
WIND SPEED	33.7	0	WIND SPEED	84.6
WIND SPEED	35.5	0	WIND SPEED	85.4
WIND SPEED	36.9	0	WIND SPEED	87.0
WIND SPEED	38.6	0	WIND SPEED	87.6
WIND SPEED	39.9	0	WIND SPEED	89.2
WIND SPEED	40.4	0	WIND SPEED	90.2
WIND SPEED	42.3	0	WIND SPEED	91.5
WIND SPEED	43.2	0	WIND SPEED	92.3
WIND SPEED	44.0	0	WIND SPEED	93.5
WIND SPEED	45.4	0	WIND SPEED	95.0
WIND SPEED	47.2	0	WIND SPEED	96.1
WIND SPEED	48.6	0	WIND SPEED	97.2
WIND SPEED	50.5	0	WIND SPEED	98.5
WIND SPEED	52.8	0	WIND SPEED	99.0
WIND SPEED	54.9	0	WIND SPEED	99.9

6 PCNTY. 1968 FCC FIELD - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

CIRECTION	5	4	6
CIRECTION	10	0	15
CIRECTION	15	0	1
CIRECTION	20	0	6
CIRECTION	25	0	3
CIRECTION	30	1	7
CIRECTION	35	0	2
CIRECTION	40	0	12
CIRECTION	45	1	7
CIRECTION	50	2	11
CIRECTION	55	0	5
CIRECTION	60	1	4
CIRECTION	65	0	5
CIRECTION	70	3	10
CIRECTION	75	1	6
CIRECTION	80	1	5
CIRECTION	85	1	4
CIRECTION	90	2	5
CIRECTION	95	4	270
CIRECTION	100	1	250
CIRECTION	105	1	255
CIRECTION	110	2	235
CIRECTION	115	4	240
CIRECTION	120	2	245
CIRECTION	125	3	250
CIRECTION	130	1	255
CIRECTION	135	2	260
CIRECTION	140	6	265
CIRECTION	145	12	270
CIRECTION	150	4	275
CIRECTION	155	1	280
CIRECTION	160	10	285
CIRECTION	165	4	290
CIRECTION	170	7	295
CIRECTION	175	2	300
CIRECTION	180	0	305
CIRECTION	185	1	310
CIRECTION	190	0	315
CIRECTION	195	0	320
CIRECTION	200	0	325
CIRECTION	205	1	330
CIRECTION	210	1	335
CIRECTION	215	0	340
CIRECTION	220	0	345
CIRECTION	225	0	350
CIRECTION	230	2	355
CIRECTION	235	5	360

7 MONTHS, 1968 FCC FTLD - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

NCMAD BUOY N35  
FREQUENCY DISTRIBUTION

AIR TEMP	99.3	0	AIR TEMP	67.2	0	AIR TEMP	39.8	0
AIR TEMP	98.6	0	AIR TEMP	67.0	0	AIR TEMP	38.7	0
AIR TEMP	97.8	0	AIR TEMP	66.1	0	AIR TEMP	37.3	0
AIR TEMP	96.9	0	AIR TEMP	65.5	0	AIR TEMP	36.0	0
AIR TEMP	96.3	0	AIR TEMP	64.8	0	AIR TEMP	34.8	0
AIR TEMP	95.9	0	AIR TEMP	63.9	0	AIR TEMP	33.8	0
AIR TEMP	95.3	0	AIR TEMP	63.1	0	AIR TEMP	32.9	0
AIR TEMP	94.5	0	AIR TEMP	62.3	0	AIR TEMP	32.2	0
AIR TEMP	93.9	0	AIR TEMP	61.2	0	AIR TEMP	31.4	0
AIR TEMP	93.1	0	AIR TEMP	60.8	0	AIR TEMP	30.9	0
AIR TEMP	91.6	0	AIR TEMP	59.5	0	AIR TEMP	30.3	0
AIR TEMP	90.4	1	AIR TEMP	58.8	0	AIR TEMP	29.8	0
AIR TEMP	89.2	0	AIR TEMP	58.0	0	AIR TEMP	29.4	0
AIR TEMP	87.9	2	AIR TEMP	57.2	0	AIR TEMP	28.7	0
AIR TEMP	87.0	5	AIR TEMP	56.4	0	AIR TEMP	27.9	0
AIR TEMP	85.8	29	AIR TEMP	56.0	0	AIR TEMP	27.2	0
AIR TEMP	84.8	38	AIR TEMP	55.3	0	AIR TEMP	26.5	0
AIR TEMP	83.8	37	AIR TEMP	54.6	0	AIR TEMP	25.7	0
AIR TEMP	82.8	75	AIR TEMP	54.2	0	AIR TEMP	24.8	0
AIR TEMP	81.6	23	/ TEMP	53.6	0	AIR TEMP	24.1	0
AIR TEMP	80.8	5	AIR TEMP	52.8	0	AIR TEMP	23.3	0
AIR TEMP	80.5	12	AIR TEMP	52.0	0	AIR TEMP	22.6	0
AIR TEMP	79.4	0	AIR TEMP	51.2	0	AIR TEMP	22.0	0
AIR TEMP	78.6	2	AIR TEMP	49.9	0	AIR TEMP	21.4	0
AIR TEMP	78.2	1	AIR TEMP	49.0	0	AIR TEMP	20.7	0
AIR TEMP	77.5	2	AIR TEMP	48.2	0	AIR TEMP	20.1	0
AIR TEMP	76.8	1	AIR TEMP	47.2	0	AIR TEMP	19.7	0
AIR TEMP	76.0	0	AIR TEMP	46.2	0	AIR TEMP	18.9	0
AIR TEMP	75.2	0	AIR TEMP	45.3	0	AIR TEMP	18.6	0
AIR TEMP	74.3	0	AIR TEMP	44.5	0	AIR TEMP	18.1	0
AIR TEMP	73.2	0	AIR TEMP	43.8	0	AIR TEMP	17.3	0
AIR TEMP	72.5	0	AIR TEMP	43.5	0	AIR TEMP	16.0	0
AIR TEMP	71.5	0	AIR TEMP	43.2	0	AIR TEMP	14.8	0
AIR TEMP	70.8	0	AIR TEMP	42.6	0	AIR TEMP	13.5	0
AIR TEMP	70.0	0	AIR TEMP	42.3	0	AIR TEMP	12.2	0
AIR TEMP	69.1	0	AIR TEMP	41.8	0	AIR TEMP	10.9	0
AIR TEMP	68.3	0	AIR TEMP	41.2	0	AIR TEMP	10.0	0
AIR TEMP	67.9	0	AIR TEMP	40.7	0	AIR TEMP	6.0	0

YOUNGWELL - KING FIELD - FCC 1968

NOMAD BUOY N3 S 25.1 N LATITUDE : 89.9 W LONGITUDE :

25° 1' N LATITUDE! 89° 9' W LONGITUDE!

H2C TEMP	94.3
H2C TEMP	93.6
H2C TEMP	92.3
H2C TEMP	91.6
H2C TEMP	90.8
H2C TEMP	89.7
H2C TEMP	88.9
H2C TEMP	88.4
H2C TEMP	87.7
H2C TEMP	85.8
H2C TEMP	86.3
H2C TEMP	85.5
H2C TEMP	84.6
H2C TEMP	83.9
H2C TEMP	82.8
H2C TEMP	82.0
H2C TEMP	81.3
H2C TEMP	80.3
H2C TEMP	79.2
H2C TEMP	78.5
H2C TEMP	77.5
H2C TEMP	76.8
H2C TEMP	76.4
H2C TEMP	76.1
H2C TEMP	75.5
H2C TEMP	75.0
H2C TEMP	74.8
H2C TEMP	74.2
H2C TEMP	73.6
H2C TEMP	72.9
H2C TEMP	71.7
H2C TEMP	70.9
H2C TEMP	70.2
H2C TEMP	69.4
H2C TEMP	68.4
H2C TEMP	67.7
H2C TEMP	66.9
H2C TEMP	66.2
H2C TEMP	65.5
H2C TEMP	65.1

H2O	TEMP	39.8
H2O	TEMP	39.2
H2C	TEMP	38.6
H2O	TEMP	38.0
H2O	TEMP	37.5
H2O	TEMP	37.0
H2O	TEMP	36.5
H2O	TEMP	36.2
H2O	TEMP	35.9
H2O	TEMP	35.4
H2O	TEMP	35.2
H2O	TEMP	34.3
H2O	TEMP	33.2
H2O	TEMP	32.0
H2O	TEMP	31.0
H2O	TEMP	30.0
H2O	TEMP	29.5
H2C	TEMP	28.9
H2O	TEMP	28.2
H2O	TEMP	27.7
H2O	TEMP	27.2
H2O	TEMP	26.7
H2O	TEMP	26.1
H2O	TEMP	25.8
H2O	TEMP	25.5
H2O	TEMP	25.0
H2O	TEMP	24.8
H2O	TEMP	24.3
H2O	TEMP	23.8
H2O	TEMP	23.3
H2O	TEMP	22.7
H2O	TEMP	22.1
H2O	TEMP	21.5
H2O	TEMP	21.0
H2O	TEMP	20.3
H2O	TEMP	19.5
H2O	TEMP	18.8
H2O	TEMP	18.1
H2O	TEMP	0.0

7 MCAH, 1968 FCC FTLO - KING

25.1 N LATITUDE,

89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

	NOMAD	BUOY N3S	FREQUENCY	DISTRIBUTION
PRESSURE	951.9	0	PRESSURE	985.0
PRESSURE	952.8	0	PRESSURE	985.9
PRESSURE	953.7	0	PRESSURE	986.9
PRESSURE	954.6	0	PRESSURE	987.1
PRESSURE	955.5	0	PRESSURE	988.1
PRESSURE	956.7	0	PRESSURE	988.2
PRESSURE	957.6	0	PRESSURE	989.2
PRESSURE	958.3	0	PRESSURE	990.0
PRESSURE	959.1	0	PRESSURE	990.9
PRESSURE	960.1	0	PRESSURE	991.8
PRESSURE	960.9	0	PRESSURE	992.7
PRESSURE	961.3	0	PRESSURE	993.4
PRESSURE	962.1	0	PRESSURE	994.2
PRESSURE	963.2	0	PRESSURE	995.0
PRESSURE	963.7	0	PRESSURE	996.0
PRESSURE	964.7	0	PRESSURE	996.8
PRESSURE	965.9	0	PRESSURE	997.7
PRESSURE	966.6	0	PRESSURE	998.5
PRESSURE	967.5	0	PRESSURE	999.3
PRESSURE	968.3	0	PRESSURE	999.6
PRESSURE	969.0	0	PRESSURE	1000.4
PRESSURE	969.9	0	PRESSURE	1001.1
PRESSURE	970.9	0	PRESSURE	1001.5
PRESSURE	971.5	0	PRESSURE	1002.2
PRESSURE	972.3	0	PRESSURE	1003.1
PRESSURE	973.1	0	PRESSURE	1004.1
PRESSURE	973.8	0	PRESSURE	1005.2
PRESSURE	974.1	0	PRESSURE	1006.3
PRESSURE	974.7	0	PRESSURE	1007.1
PRESSURE	975.2	0	PRESSURE	1008.0
PRESSURE	975.5	0	PRESSURE	1009.1
PRESSURE	976.2	0	PRESSURE	1010.1
PRESSURE	977.1	0	PRESSURE	1011.0
PRESSURE	978.0	0	PRESSURE	1011.9
PRESSURE	979.1	0	PRESSURE	1012.9
PRESSURE	980.1	0	PRESSURE	1013.2
PRESSURE	981.1	0	PRESSURE	1014.0
PRESSURE	982.0	0	PRESSURE	1014.8
PRESSURE	983.0	0	PRESSURE	1015.2
PRESSURE	984.0	0	PRESSURE	1015.9

7 PARTS, 1968 FCC FYLD - NMIC

25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

WIND SPEED	0.0	C	WIND SPEED	56.3	O
WIND SPEED	0.6	IC	WIND SPEED	58.5	O
WIND SPEED	3.8	E	WIND SPEED	60.5	O
WIND SPEED	5.2	11	WIND SPEED	61.5	O
WIND SPEED	6.2	17	WIND SPEED	62.4	O
WIND SPEED	7.7	41	WIND SPEED	63.2	O
WIND SPEED	9.0	39	WIND SPEED	63.5	O
WIND SPEED	10.2	24	WIND SPEED	64.3	O
WIND SPEED	12.0	35	WIND SPEED	64.5	O
WIND SPEED	14.4	21	WIND SPEED	65.3	O
WIND SPEED	15.9	12	WIND SPEED	66.1	O
WIND SPEED	16.4	9	WIND SPEED	67.0	O
WIND SPEED	17.5	6	WIND SPEED	67.9	O
WIND SPEED	18.0	C	WIND SPEED	69.0	O
WIND SPEED	19.4	7	WIND SPEED	70.0	O
WIND SPEED	19.6	C	WIND SPEED	70.9	O
WIND SPEED	19.7	C	WIND SPEED	71.7	O
WIND SPEED	20.0	C	WIND SPEED	74.8	O
WIND SPEED	20.4	C	WIND SPEED	76.3	O
WIND SPEED	22.0	C	WIND SPEED	78.0	O
WIND SPEED	23.2	C	WIND SPEED	80.0	O
WIND SPEED	24.9	C	WIND SPEED	82.1	O
WIND SPEED	27.5	C	WIND SPEED	82.4	O
WIND SPEED	30.0	C	WIND SPEED	83.2	O
WIND SPEED	32.0	C	WIND SPEED	84.1	O
WIND SPEED	33.7	C	WIND SPEED	84.6	O
WIND SPEED	35.5	C	WIND SPEED	85.4	O
WIND SPEED	36.9	C	WIND SPEED	87.0	O
WIND SPEED	38.6	C	WIND SPEED	91.6	O
WIND SPEED	39.5	C	WIND SPEED	89.2	O
WIND SPEED	40.4	C	WIND SPEED	90.2	O
WIND SPEED	42.0	C	WIND SPEED	91.5	O
WIND SPEED	43.2	C	WIND SPEED	92.3	O
WIND SPEED	44.0	C	WIND SPEED	93.5	O
WIND SPEED	45.4	C	WIND SPEED	95.0	O
WIND SPEED	47.7	C	WIND SPEED	96.1	O
WIND SPEED	48.6	C	WIND SPEED	97.2	O
WIND SPEED	50.5	C	WIND SPEED	98.5	O
WIND SPEED	52.8	C	WIND SPEED	99.0	O
WIND SPEED	54.9	C	WIND SPEED	99.7	I

7 PCATRI 1960 FCC FTLO - KING

SEN AONG ONG

25.1 N LATITUDE, 89.9 W LONGITUDE

FREQUENCY DISTRIBUTION

2	DIRECTION	185
13	DIRECTION	190
5	DIRECTION	195
5	DIRECTION	200
4	DIRECTION	205
2	DIRECTION	210
2	DIRECTION	215
11	DIRECTION	220
4	DIRECTION	225
8	DIRECTION	230
4	DIRECTION	235
3	DIRECTION	240
4	DIRECTION	245
1	DIRECTION	250
2	DIRECTION	255
6	DIRECTION	260
1	DIRECTION	265
1	DIRECTION	270
1	DIRECTION	275
2	DIRECTION	280
5	DIRECTION	285
2	DIRECTION	290
3	DIRECTION	295
3	DIRECTION	300
5	DIRECTION	305
1	DIRECTION	310
0	DIRECTION	315
0	DIRECTION	320
5	DIRECTION	325
1	DIRECTION	330
2	DIRECTION	335
0	DIRECTION	340
1	DIRECTION	345
1	DIRECTION	350
1	DIRECTION	355
0	DIRECTION	360
3	DIRECTION	365
0	DIRECTION	370
0	DIRECTION	375
0	DIRECTION	380
0	DIRECTION	385
1	DIRECTION	390
0	DIRECTION	395
9	DIRECTION	400
3	DIRECTION	405
2	DIRECTION	410
0	DIRECTION	415
1	DIRECTION	420
1	DIRECTION	425
0	DIRECTION	430
3	DIRECTION	435
2	DIRECTION	440
0	DIRECTION	445
2	DIRECTION	450
0	DIRECTION	455
1	DIRECTION	460
1	DIRECTION	465
0	DIRECTION	470
3	DIRECTION	475
2	DIRECTION	480
0	DIRECTION	485
1	DIRECTION	490
2	DIRECTION	495
0	DIRECTION	500
2	DIRECTION	505
2	DIRECTION	510
5	DIRECTION	515
2	DIRECTION	520
5	DIRECTION	525
5	DIRECTION	530
4	DIRECTION	535
6	DIRECTION	540
5	DIRECTION	545
7	DIRECTION	550
5	DIRECTION	555
6	DIRECTION	560
6	DIRECTION	565
13	DIRECTION	570
4	DIRECTION	575
12	DIRECTION	580
3	DIRECTION	585
3	DIRECTION	590
0	DIRECTION	595
11	DIRECTION	600

9 MONTHS 1968 FCC FTLD - KING

NOMAD BUOY N35 25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

AIR TEMP	99.3	0	AIR TEMP	67.2	0	AIR TEMP	39.8	0
AIR TEMP	98.6	0	AIR TEMP	67.0	0	AIR TEMP	36.7	0
AIR TEMP	97.8	0	AIR TEMP	66.1	0	AIR TEMP	37.3	0
AIR TEMP	96.9	0	AIR TEMP	65.5	0	AIR TEMP	35.0	0
AIR TEMP	96.3	0	AIR TEMP	64.8	0	AIR TEMP	34.8	0
AIR TEMP	95.9	0	AIR TEMP	63.7	0	AIR TEMP	33.8	0
AIR TEMP	95.3	0	AIR TEMP	63.1	0	AIR TEMP	32.9	0
AIR TEMP	94.5	0	AIR TEMP	62.3	0	AIR TEMP	32.2	0
AIR TEMP	93.9	0	AIR TEMP	61.2	0	AIR TEMP	31.4	0
AIR TEMP	93.1	0	AIR TEMP	60.3	0	AIR TEMP	30.9	0
AIR TEMP	91.6	2	AIR TEMP	59.5	0	AIR TEMP	30.3	0
AIR TEMP	90.4	3	AIR TEMP	58.8	0	AIR TEMP	29.8	0
AIR TEMP	89.2	5	AIR TEMP	58.0	0	AIR TEMP	29.4	0
AIR TEMP	87.9	7	AIR TEMP	57.2	0	AIR TEMP	28.7	0
AIR TEMP	87.0	32	AIR TEMP	56.4	0	AIR TEMP	27.9	0
AIR TEMP	85.8	26	AIR TEMP	56.0	0	AIR TEMP	27.2	0
AIR TEMP	84.8	54	AIR TEMP	55.2	0	AIR TEMP	26.5	0
AIR TEMP	83.8	53	AIR TEMP	54.6	0	AIR TEMP	25.7	0
AIR TEMP	82.8	27	AIR TEMP	54.2	0	AIR TEMP	24.8	0
AIR TEMP	81.6	14	AIR TEMP	53.6	0	AIR TEMP	24.1	0
AIR TEMP	80.8	1	AIR TEMP	52.4	0	AIR TEMP	23.3	0
AIR TEMP	80.5	2	AIR TEMP	52.0	0	AIR TEMP	22.5	0
AIR TEMP	79.4	3	AIR TEMP	51.2	0	AIR TEMP	22.0	0
AIR TEMP	78.5	0	AIR TEMP	49.9	0	AIR TEMP	21.4	0
AIR TEMP	78.2	0	AIR TEMP	49.0	0	AIR TEMP	20.7	0
AIR TEMP	77.5	1	AIR TEMP	48.2	0	AIR TEMP	20.1	0
AIR TEMP	76.8	4	AIR TEMP	47.2	0	AIR TEMP	19.7	0
AIR TEMP	76.0	0	AIR TEMP	46.2	0	AIR TEMP	18.9	0
AIR TEMP	75.2	0	AIR TEMP	45.3	0	AIR TEMP	13.6	0
AIR TEMP	74.3	0	AIR TEMP	44.5	0	AIR TEMP	16.1	0
AIR TEMP	73.2	0	AIR TEMP	43.8	0	AIR TEMP	17.3	0
AIR TEMP	72.5	0	AIR TEMP	43.5	0	AIR TEMP	16.0	0
AIR TEMP	71.5	0	AIR TEMP	43.2	0	AIR TEMP	14.8	0
AIR TEMP	70.8	0	AIR TEMP	42.6	0	AIR TEMP	13.5	0
AIR TEMP	70.0	0	AIR TEMP	42.3	0	AIR TEMP	12.2	0
AIR TEMP	69.1	0	AIR TEMP	41.8	0	AIR TEMP	10.9	0
AIR TEMP	68.3	0	AIR TEMP	41.3	0	AIR TEMP	10.0	0
AIR TEMP	67.9	0	AIR TEMP	40.7	0	AIR TEMP	0.0	0

8 MARCH, 1968 FCC FTLD ~ KING

25.1 N LATITUDE, 69.9 W LONGITUDE

## NOMAD BUOY N35

## FREQUENCY DISTRIBUTION

H2C TEMP	94.3	C	H2O TEMP	64.6
H2C TEMP	93.4	O	H2O TEMP	54.4
H2C TEMP	92.3	O	H2O TEMP	53.9
H2C TEMP	91.6	O	H2O TEMP	62.3
H2C TEMP	90.8	O	H2O TEMP	62.8
H2C TEMP	89.7	O	H2O TEMP	62.1
H2C TEMP	88.9	O	H2O TEMP	61.4
H2C TEMP	88.4	2	H2O TEMP	60.8
H2C TEMP	87.7	6	H2O TEMP	60.1
H2C TEMP	86.8	29	H2O TEMP	59.3
H2C TEMP	86.3	99	H2O TEMP	58.6
H2C TEMP	85.5	67	H2O TEMP	57.8
H2C TEMP	84.6	25	H2O TEMP	57.2
H2C TEMP	83.4	3	H2O TEMP	56.5
H2C TEMP	82.8	C	H2O TEMP	55.9
H2C TEMP	82.0	1	H2O TEMP	55.6
H2C TEMP	81.3	O	H2O TEMP	55.1
H2C TEMP	80.3	O	H2O TEMP	54.5
H2C TEMP	79.2	O	H2O TEMP	54.2
H2C TEMP	78.5	O	H2O TEMP	53.7
H2C TEMP	77.5	O	H2O TEMP	52.9
H2C TEMP	76.8	O	H2O TEMP	52.2
H2C TEMP	76.4	O	H2O TEMP	51.4
H2C TEMP	76.1	O	H2O TEMP	50.7
H2C TEMP	75.5	O	H2O TEMP	50.1
H2C TEMP	75.0	O	H2O TEMP	49.4
H2C TEMP	74.9	O	H2O TEMP	48.7
H2C TEMP	74.2	O	H2O TEMP	48.1
H2C TEMP	73.6	O	H2O TEMP	47.3
H2C TEMP	72.9	O	H2O TEMP	46.7
H2C TEMP	71.9	O	H2O TEMP	46.0
H2C TEMP	70.2	O	H2O TEMP	45.2
H2C TEMP	69.4	O	H2O TEMP	44.8
H2C TEMP	68.4	O	H2O TEMP	44.2
H2C TEMP	67.7	O	H2O TEMP	43.7
H2C TEMP	66.9	O	H2O TEMP	42.8
H2C TEMP	66.2	O	H2O TEMP	41.9
H2C TEMP	65.6	O	H2O TEMP	41.1
H2C TEMP	65.1	O	H2O TEMP	40.2

8 NORTH, 1968 FCC FIELD - KING

NOMAD BUGY N3S

25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

PRESSURE	951.9	0	PRESSURE	985.0	C	PRESSURE	1016.9	29
PRESSURE	952.8	0	PRESSURE	985.9	D	PRESSURE	1017.8	36
PRESSURE	953.7	C	PRESSURE	986.8	0	PRESSURE	1018.7	36
PRESSURE	954.6	0	PRESSURE	987.1	0	PRESSURE	1019.3	17
PRESSURE	955.5	0	PRESSURE	988.1	0	PRESSURE	1020.3	8
PRESSURE	956.4	0	PRESSURE	988.3	0	PRESSURE	1021.3	2
PRESSURE	957.3	0	PRESSURE	989.2	0	PRESSURE	1022.4	3
PRESSURE	958.2	C	PRESSURE	990.0	0	PRESSURE	1023.5	3
PRESSURE	959.1	0	PRESSURE	990.9	0	PRESSURE	1024.3	2
PRESSURE	960.1	C	PRESSURE	991.9	0	PRESSURE	1025.1	2
PRESSURE	960.9	C	PRESSURE	992.7	0	PRESSURE	1026.1	0
PRESSURE	961.3	0	PRESSURE	993.4	0	PRESSURE	1026.5	0
PRESSURE	962.1	C	PRESSURE	994.2	0	PRESSURE	1027.2	1
PRESSURE	963.2	0	PRESSURE	995.0	0	PRESSURE	1028.1	1
PRESSURE	963.7	0	PRESSURE	996.0	0	PRESSURE	1028.5	0
PRESSURE	964.7	0	PRESSURE	996.8	0	PRESSURE	1029.3	0
PRESSURE	965.9	0	PRESSURE	997.7	0	PRESSURE	1030.4	1
PRESSURE	966.6	0	PRESSURE	998.5	0	PRESSURE	1031.4	0
PRESSURE	967.5	0	PRESSURE	999.3	0	PRESSURE	1032.3	0
PRESSURE	968.3	0	PRESSURE	999.6	C	PRESSURE	1033.1	0
PRESSURE	969.0	0	PRESSURE	1000.4	0	PRESSURE	1034.2	1
PRESSURE	969.9	0	PRESSURE	1001.1	0	PRESSURE	1035.1	1
PRESSURE	970.9	0	PRESSURE	1001.5	0	PRESSURE	1036.0	0
PRESSURE	971.5	C	PRESSURE	1002.2	0	PRESSURE	1037.0	0
PRESSURE	972.3	0	PRESSURE	1003.1	0	PRESSURE	1038.0	0
PRESSURE	973.1	0	PRESSURE	1004.1	0	PRESSURE	1038.9	0
PRESSURE	973.8	0	PRESSURE	1005.2	0	PRESSURE	1040.0	0
PRESSURE	974.1	0	PRESSURE	1006.3	0	PRESSURE	1040.5	0
PRESSURE	974.7	0	PRESSURE	1007.1	0	PRESSURE	1041.2	0
PRESSURE	975.2	0	PRESSURE	1008.0	0	PRESSURE	1042.0	0
PRESSURE	975.5	0	PRESSURE	1009.1	0	PRESSURE	1042.3	0
PRESSURE	976.2	0	PRESSURE	1010.1	1	PRESSURE	1043.2	0
PRESSURE	977.1	0	PRESSURE	1011.0	0	PRESSURE	1044.3	0
PRESSURE	978.0	0	PRESSURE	1011.9	1	PRESSURE	1045.3	0
PRESSURE	979.1	0	PRESSURE	1012.9	3	PRESSURE	1046.5	0
PRESSURE	980.1	0	PRESSURE	1013.2	0	PRESSURE	1048.0	0
PRESSURE	981.1	0	PRESSURE	1014.0	18	PRESSURE	1049.2	0
PRESSURE	982.0	0	PRESSURE	1014.8	26	PRESSURE	1050.6	0
PRESSURE	983.0	0	PRESSURE	1015.2	9	PRESSURE	1051.7	0
PRESSURE	984.0	0	PRESSURE	1015.9	30	PRESSURE	1052.0	0

8 MONTH.

1968

FCC

FTLD -

KING

25.1 N LATITUDE,

89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

	NOMAC	BUDDY N3S	25.1 N LATITUDE,	89.9 W LONGITUDE
WIND SPEED	0.0	6	56.3	0
WIND SPEED	0.8	10	58.5	0
WIND SPEED	3.8	10	58.5	0
WIND SPEED	5.2	15	60.5	0
WIND SPEED	5.2	25	60.5	0
WIND SPEED	6.2	46	61.5	0
WIND SPEED	7.7	46	62.4	0
WIND SPEED	9.0	37	63.2	0
WIND SPEED	10.2	26	63.5	0
WIND SPEED	12.0	26	64.3	0
WIND SPEED	14.4	21	65.5	0
WIND SPEED	15.9	8	65.3	0
WIND SPEED	16.4	4	66.1	0
WIND SPEED	17.5	3	67.0	0
WIND SPEED	18.0	3	67.9	0
WIND SPEED	18.4	1	69.0	0
WIND SPEED	19.0	1	70.0	0
WIND SPEED	19.7	0	70.9	0
WIND SPEED	20.0	0	71.7	0
WIND SPEED	20.5	0	74.8	0
WIND SPEED	22.0	0	76.3	0
WIND SPEED	23.2	0	78.0	0
WIND SPEED	24.9	0	80.0	0
WIND SPEED	27.9	0	82.1	0
WIND SPEED	30.0	0	82.4	0
WIND SPEED	32.0	0	83.2	0
WIND SPEED	33.7	0	84.1	0
WIND SPEED	35.5	0	84.6	0
WIND SPEED	36.9	0	85.4	0
WIND SPEED	38.6	0	87.0	0
WIND SPEED	39.5	0	87.6	0
WIND SPEED	40.4	0	89.2	0
WIND SPEED	42.0	0	90.2	0
WIND SPEED	43.2	0	91.5	0
WIND SPEED	44.0	0	92.3	0
WIND SPEED	45.4	0	93.5	0
WIND SPEED	47.2	0	95.0	0
WIND SPEED	48.6	0	96.1	0
WIND SPEED	50.5	0	97.2	0
WIND SPEED	52.8	0	98.5	0
WIND SPEED	54.9	0	99.0	0

8 MVENTW 1968 FCC FTLO - KING

25:1 LATITUDE, 89° 9' W LONGITUDE

NOMAD BUOY N3S

FREQUENCY DISTRIBUTION

149

9 MONTHS 1958

25.1 N LATITUDE • 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

FCC	FYLD - KING	NOMAD	BUOY MSS	DISTRIBUTION
AIR TEMP	99.3	0	0	AIR TEMP 67.2
AIR TEMP	98.6	0	0	AIR TEMP 67.0
AIR TEMP	97.8	0	0	AIR TEMP 66.1
AIR TEMP	96.9	0	0	AIR TEMP 65.5
AIR TEMP	96.3	0	0	AIR TEMP 64.8
AIR TEMP	95.9	0	0	AIR TEMP 63.9
AIR TEMP	95.3	0	0	AIR TEMP 63.1
AIR TEMP	94.5	0	0	AIR TEMP 62.3
AIR TEMP	93.9	0	0	AIR TEMP 61.2
AIR TEMP	93.1	1	0	AIR TEMP 60.8
AIR TEMP	91.6	0	0	AIR TEMP 59.5
AIR TEMP	90.4	0	0	AIR TEMP 58.8
AIR TEMP	89.2	1	0	AIR TEMP 58.0
AIR TEMP	87.9	10	0	AIR TEMP 57.2
AIR TEMP	87.0	16	0	AIR TEMP 56.4
AIR TEMP	85.8	22	0	AIR TEMP 56.0
AIR TEMP	84.8	41	0	AIR TEMP 55.3
AIR TEMP	83.6	67	0	AIR TEMP 54.6
AIR TEMP	82.8	45	0	AIR TEMP 54.2
AIR TEMP	81.6	18	0	AIR TEMP 53.6
AIR TEMP	80.8	1	0	AIR TEMP 52.8
AIR TEMP	80.5	4	0	AIR TEMP 52.0
AIR TEMP	79.4	2	0	AIR TEMP 51.2
AIR TEMP	78.6	2	0	AIR TEMP 49.9
AIR TEMP	78.2	0	0	AIR TEMP 49.0
AIR TEMP	77.5	2	0	AIR TEMP 48.2
AIR TEMP	76.8	1	0	AIR TEMP 47.2
AIR TEMP	76.0	0	0	AIR TEMP 46.2
AIR TEMP	75.2	0	0	AIR TEMP 45.3
AIR TEMP	74.3	0	0	AIR TEMP 44.5
AIR TEMP	73.2	0	0	AIR TEMP 43.8
AIR TEMP	72.5	0	0	AIR TEMP 43.5
AIR TEMP	71.5	0	0	AIR TEMP 43.2
AIR TEMP	70.8	0	0	AIR TEMP 42.6
AIR TEMP	70.0	0	0	AIR TEMP 42.3
AIR TEMP	69.1	0	0	AIR TEMP 41.8
AIR TEMP	68.3	0	0	AIR TEMP 41.3
AIR TEMP	67.9	0	0	AIR TEMP 40.7

9 MONTH, 1968 FCC FTLD - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

	FREQUENCY	DISTRIBUTION	NOMAC BUOY N3S	25.1 N LATITUDE, 89.9 W LONGITUDE
H2C TEMP	94.3	0	H2O TEMP 64.6	
H2C TEMP	93.4	0	H2O TEMP 64.4	
H2C TEMP	92.3	0	H2O TEMP 63.8	
H2C TEMP	91.6	0	H2O TEMP 63.3	
H2C TEMP	90.8	0	H2O TEMP 62.8	
H2C TEMP	89.7	0	H2O TEMP 62.1	
H2C TEMP	88.9	0	H2O TEMP 61.4	
H2C TEMP	88.4	0	H2O TEMP 60.8	
H2C TEMP	87.7	6	H2O TEMP 60.1	
H2C TEMP	86.8	18	H2O TEMP 59.2	
H2C TEMP	86.3	30	H2O TEMP 58.6	
H2C TEMP	85.5	132	H2O TEMP 57.8	
H2C TEMP	84.6	37	H2O TEMP 57.2	
H2C TEMP	83.9	0	H2O TEMP 56.5	
H2C TEMP	82.8	6	H2O TEMP 55.9	
H2C TEMP	82.0	3	H2O TEMP 55.6	
H2C TEMP	81.3	0	H2O TEMP 55.1	
H2C TEMP	80.3	0	H2O TEMP 54.5	
H2C TEMP	79.2	0	H2O TEMP 54.2	
H2C TEMP	78.5	0	H2O TEMP 53.7	
H2C TEMP	77.5	0	H2O TEMP 52.9	
H2C TEMP	76.8	0	H2O TEMP 52.2	
H2C TEMP	76.4	0	H2O TEMP 51.4	
H2C TEMP	76.1	0	H2O TEMP 50.7	
H2C TEMP	75.5	0	H2O TEMP 50.1	
H2C TEMP	75.0	0	H2O TEMP 49.4	
H2C TEMP	74.8	0	H2O TEMP 48.7	
H2C TEMP	74.2	0	H2O TEMP 48.0	
H2C TEMP	73.6	0	H2O TEMP 47.3	
H2C TEMP	72.9	0	H2O TEMP 46.8	
H2C TEMP	71.9	0	H2O TEMP 46.0	
H2C TEMP	70.9	0	H2O TEMP 45.6	
H2C TEMP	70.2	0	H2O TEMP 45.2	
H2C TEMP	69.4	0	H2O TEMP 44.8	
H2C TEMP	68.4	0	H2O TEMP 44.2	
H2C TEMP	67.7	0	H2O TEMP 43.7	
H2C TEMP	66.9	0	H2O TEMP 42.8	
H2C TEMP	66.2	0	H2O TEMP 41.9	
H2C TEMP	65.6	0	H2O TEMP 41.1	
H2C TEMP	65.1	0	H2O TEMP 40.2	

9 MDT., 1968

FCC FIELD - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

PRESSURE	951.9	0	PRESSURE	985.0	0	PRESSURE	1016.9	9
PRESSURE	952.8	0	PRESSURE	985.9	0	PRESSURE	1017.8	5
PRESSURE	953.7	0	PRESSURE	986.8	0	PRESSURE	1018.7	1
PRESSURE	954.6	0	PRESSURE	987.1	0	PRESSURE	1019.3	1
PRESSURE	955.5	0	PRESSURE	988.1	0	PRESSURE	1020.3	1
PRESSURE	956.7	0	PRESSURE	988.3	0	PRESSURE	1021.3	3
PRESSURE	957.6	0	PRESSURE	989.2	0	PRESSURE	1022.4	1
PRESSURE	958.3	0	PRESSURE	990.0	0	PRESSURE	1023.5	0
PRESSURE	959.1	0	PRESSURE	990.9	0	PRESSURE	1024.3	1
PRESSURE	960.1	0	PRESSURE	991.8	0	PRESSURE	1025.1	0
PRESSURE	960.9	0	PRESSURE	992.7	0	PRESSURE	1026.1	2
PRESSURE	961.3	0	PRESSURE	993.4	0	PRESSURE	1026.5	0
PRESSURE	962.1	0	PRESSURE	994.2	0	PRESSURE	1027.2	1
PRESSURE	963.2	0	PRESSURE	995.0	0	PRESSURE	1028.1	1
PRESSURE	963.7	0	PRESSURE	996.0	0	PRESSURE	1028.5	0
PRESSURE	964.7	0	PRESSURE	996.6	0	PRESSURE	1029.3	0
PRESSURE	965.9	0	PRESSURE	997.7	0	PRESSURE	1030.4	0
PRESSURE	966.6	0	PRESSURE	998.5	0	PRESSURE	1031.4	0
PRESSURE	967.5	0	PRESSURE	999.3	0	PRESSURE	1032.3	0
PRESSURE	968.3	0	PRESSURE	999.6	0	PRESSURE	1033.1	0
PRESSURE	969.0	0	PRESSURE	1000.4	0	PRESSURE	1034.2	0
PRESSURE	969.9	0	PRESSURE	1001.1	0	PRESSURE	1035.1	0
PRESSURE	970.9	0	PRESSURE	1001.5	0	PRESSURE	1036.0	0
PRESSURE	971.5	0	PRESSURE	1002.2	0	PRESSURE	1037.0	2
PRESSURE	972.3	0	PRESSURE	1003.1	0	PRESSURE	1038.0	0
PRESSURE	973.1	0	PRESSURE	1004.1	0	PRESSURE	1038.9	0
PRESSURE	973.8	0	PRESSURE	1005.2	0	PRESSURE	1040.0	0
PRESSURE	974.1	0	PRESSURE	1006.3	0	PRESSURE	1040.5	0
PRESSURE	974.7	0	PRESSURE	1007.1	0	PRESSURE	1041.2	0
PRESSURE	975.2	0	PRESSURE	1008.0	0	PRESSURE	1042.0	0
PRESSURE	975.5	0	PRESSURE	1009.1	4	PRESSURE	1042.3	0
PRESSURE	976.2	0	PRESSURE	1010.1	8	PRESSURE	1043.2	0
PRESSURE	977.1	0	PRESSURE	1011.0	15	PRESSURE	1044.3	0
PRESSURE	978.0	0	PRESSURE	1011.9	26	PRESSURE	1045.3	0
PRESSURE	979.1	0	PRESSURE	1012.9	36	PRESSURE	1046.5	0
PRESSURE	980.1	0	PRESSURE	1013.2	6	PRESSURE	1048.0	0
PRESSURE	981.1	0	PRESSURE	1014.0	20	PRESSURE	1049.2	0
PRESSURE	982.0	0	PRESSURE	1014.8	39	PRESSURE	1050.6	0
PRESSURE	983.0	0	PRESSURE	1015.2	5	PRESSURE	1051.7	0
PRESSURE	984.0	0	PRESSURE	1015.9	31	PRESSURE	0.0	0

9 MONTHS 1968		FCC	FTLD - KING	NOMAD	BUOY N35	25.1°N LATITUDE • 89.9°W LONGITUDE
					FREQUENCY DISTRIBUTION	
WIND SPEED	0.6	5	5	5	WIND SPEED 56.3	WIND SPEED 58.5
WIND SPEED	0.8	9	5	0	WIND SPEED 58.5	WIND SPEED 60.5
WIND SPEED	3.8	5	7	0	WIND SPEED 60.5	WIND SPEED 61.5
WIND SPEED	5.2	20	0	0	WIND SPEED 61.5	WIND SPEED 62.4
WIND SPEED	6.2	7	0	0	WIND SPEED 62.4	WIND SPEED 63.2
WIND SPEED	7.7	41	0	0	WIND SPEED 63.2	WIND SPEED 63.5
WIND SPEED	9.0	29	0	0	WIND SPEED 63.5	WIND SPEED 64.3
WIND SPEED	10.2	24	0	0	WIND SPEED 64.3	WIND SPEED 64.5
WIND SPEED	12.0	17	0	0	WIND SPEED 64.5	WIND SPEED 65.3
WIND SPEED	14.4	23	0	0	WIND SPEED 65.3	WIND SPEED 66.1
WIND SPEED	15.9	14	0	0	WIND SPEED 66.1	WIND SPEED 67.0
WIND SPEED	16.4	16	0	0	WIND SPEED 67.0	WIND SPEED 67.9
WIND SPEED	17.5	13	0	0	WIND SPEED 67.9	WIND SPEED 69.0
WIND SPEED	18.0	2	0	0	WIND SPEED 69.0	WIND SPEED 70.3
WIND SPEED	18.4	5	0	0	WIND SPEED 70.3	WIND SPEED 70.9
WIND SPEED	19.0	1	0	0	WIND SPEED 70.9	WIND SPEED 71.7
WIND SPEED	19.7	1	0	0	WIND SPEED 71.7	WIND SPEED 74.8
WIND SPEED	20.0	0	0	0	WIND SPEED 74.8	WIND SPEED 76.3
WIND SPEED	20.5	0	0	0	WIND SPEED 76.3	WIND SPEED 78.0
WIND SPEED	22.0	0	0	0	WIND SPEED 78.0	WIND SPEED 80.0
WIND SPEED	23.2	0	0	0	WIND SPEED 80.0	WIND SPEED 82.1
WIND SPEED	24.5	0	0	0	WIND SPEED 82.1	WIND SPEED 82.4
WIND SPEED	27.5	0	0	0	WIND SPEED 82.4	WIND SPEED 82.2
WIND SPEED	30.0	0	0	0	WIND SPEED 82.2	WIND SPEED 84.1
WIND SPEED	32.0	0	0	0	WIND SPEED 84.1	WIND SPEED 84.6
WIND SPEED	33.7	0	0	0	WIND SPEED 84.6	WIND SPEED 85.4
WIND SPEED	35.5	0	0	0	WIND SPEED 85.4	WIND SPEED 87.0
WIND SPEED	36.9	0	0	0	WIND SPEED 87.0	WIND SPEED 87.6
WIND SPEED	38.6	0	0	0	WIND SPEED 87.6	WIND SPEED 89.2
WIND SPEED	39.9	0	0	0	WIND SPEED 89.2	WIND SPEED 90.2
WIND SPEED	40.4	0	0	0	WIND SPEED 90.2	WIND SPEED 91.5
WIND SPEED	42.0	0	0	0	WIND SPEED 91.5	WIND SPEED 92.3
WIND SPEED	43.2	0	0	0	WIND SPEED 92.3	WIND SPEED 93.5
WIND SPEED	44.0	0	0	0	WIND SPEED 93.5	WIND SPEED 95.0
WIND SPEED	45.4	0	0	0	WIND SPEED 95.0	WIND SPEED 96.1
WIND SPEED	47.2	0	0	0	WIND SPEED 96.1	WIND SPEED 97.2
WIND SPEED	48.6	0	0	0	WIND SPEED 97.2	WIND SPEED 98.5
WIND SPEED	50.5	0	0	0	WIND SPEED 98.5	WIND SPEED 99.0
WIND SPEED	52.8	0	0	0	WIND SPEED 99.0	WIND SPEED 99.9
WIND SPEED	54.9	0	0	0	WIND SPEED 99.9	

9 MAY 1968

NOMAC BUOY N35

25.1 N LATITUDE • 89.9 W LONGITUDE

FREQUENCY DISTRIBUTION

DIRECTION	5	19	DIRECTION	185
DIRECTION	10	0	DIRECTION	190
DIRECTION	15	0	DIRECTION	195
DIRECTION	20	0	DIRECTION	200
DIRECTION	25	0	DIRECTION	205
DIRECTION	30	3	DIRECTION	210
DIRECTION	35	1	DIRECTION	215
DIRECTION	40	0	DIRECTION	220
DIRECTION	45	3	DIRECTION	225
DIRECTION	50	3	DIRECTION	230
DIRECT UN	55	4	DIRECTION	235
DIRECTION	60	3	DIRECTION	240
DIRECTION	65	4	DIRECTION	245
DIRECTION	70	4	DIRECTION	250
DIRECTION	75	7	DIRECTION	255
DIRECTION	80	6	DIRECTION	260
DIRECTION	85	6	DIRECTION	265
DIRECTION	90	10	DIRECTION	270
DIRECTION	95	7	DIRECTION	275
DIRECTION	100	6	DIRECTION	280
DIRECTION	105	8	DIRECTION	285
DIRECTION	110	2	DIRECTION	290
DIRECTION	115	6	DIRECTION	295
DIRECTION	120	4	DIRECTION	300
DIRECTION	125	3	DIRECTION	305
DIRECTION	130	4	DIRECTION	310
DIRECTION	135	2	DIRECTION	315
DIRECTION	140	7	DIRECTION	320
DIRECTION	145	2	DIRECTION	325
DIRECTION	150	10	DIRECTION	330
DIRECTION	155	1	DIRECTION	335
DIRECTION	160	12	DIRECTION	340
DIRECTION	165	1	DIRECTION	345
DIRECTION	170	12	DIRECTION	350
DIRECTION	175	4	DIRECTION	355
DIRECTION	180	10	DIRECTION	360

10 PORTS. 1948 FCC FIELD - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

AIR TEMP	95.3	0	AIR TEMP	67.2	0	AIR TEMP	39.8	0
AIR TEMP	92.6	0	AIR TEMP	67.0	0	AIR TEMP	38.7	0
AIR TEMP	97.6	0	AIR TEMP	66.1	0	AIR TEMP	37.3	0
AIR TEMP	96.9	0	AIR TEMP	65.5	0	AIR TEMP	36.0	0
AIR TEMP	96.3	0	AIR TEMP	64.8	0	AIR TEMP	34.8	0
AIR TEMP	95.9	0	AIR TEMP	63.9	0	AIR TEMP	33.8	0
AIR TEMP	95.3	0	AIR TEMP	63.1	0	AIR TEMP	32.9	0
AIR TEMP	94.5	0	AIR TEMP	62.3	0	AIR TEMP	32.2	0
AIR TEMP	93.9	0	AIR TEMP	61.2	0	AIR TEMP	31.4	0
AIR TEMP	93.1	0	AIR TEMP	60.8	0	AIR TEMP	30.9	0
AIR TEMP	91.6	0	AIR TEMP	59.5	0	AIR TEMP	30.3	0
AIR TEMP	90.4	0	AIR TEMP	58.8	0	AIR TEMP	29.8	0
AIR TEMP	99.2	0	AIR TEMP	58.0	0	AIR TEMP	29.4	0
AIR TEMP	87.9	0	AIR TEMP	57.2	0	AIR TEMP	28.7	0
AIR TEMP	87.0	0	AIR TEMP	56.4	0	AIR TEMP	27.9	0
AIR TEMP	85.6	0	AIR TEMP	56.0	0	AIR TEMP	27.2	0
AIR TEMP	84.5	0	AIR TEMP	55.3	0	AIR TEMP	26.5	0
AIR TEMP	83.8	19	AIR TEMP	54.6	0	AIR TEMP	25.7	0
AIR TEMP	82.8	34	AIR TEMP	54.2	0	AIR TEMP	24.8	0
AIR TEMP	81.6	54	AIR TEMP	53.6	0	AIR TEMP	24.1	0
AIR TEMP	80.8	12	AIR TEMP	52.3	0	AIR TEMP	23.3	0
AIR TEMP	80.5	13	AIR TEMP	52.0	0	AIR TEMP	22.6	0
AIR TEMP	79.4	12	AIR TEMP	51.2	0	AIR TEMP	22.0	0
AIR TEMP	78.6	3	AIR TEMP	49.9	0	AIR TEMP	21.4	0
AIR TEMP	78.2	8	AIR TEMP	49.0	0	AIR TEMP	20.7	0
AIR TEMP	77.5	11	AIR TEMP	48.2	0	AIR TEMP	20.1	0
AIR TEMP	76.8	14	AIR TEMP	47.2	0	AIR TEMP	19.7	0
AIR TEMP	76.0	17	AIR TEMP	46.2	0	AIR TEMP	18.9	0
AIR TEMP	75.2	10	AIR TEMP	45.4	0	AIR TEMP	18.6	0
AIR TEMP	74.3	10	AIR TEMP	44.5	0	AIR TEMP	18.1	0
AIR TEMP	73.2	3	AIR TEMP	43.8	0	AIR TEMP	17.3	0
AIR TEMP	72.5	0	AIR TEMP	43.5	0	AIR TEMP	16.0	0
AIR TEMP	71.4	0	AIR TEMP	43.2	0	AIR TEMP	14.8	0
AIR TEMP	70.8	0	AIR TEMP	42.6	0	AIR TEMP	13.5	0
AIR TEMP	70.0	0	AIR TEMP	42.3	0	AIR TEMP	12.2	0
AIR TEMP	69.1	0	AIR TEMP	41.8	0	AIR TEMP	10.9	0
AIR TEMP	68.3	0	AIR TEMP	41.3	0	AIR TEMP	10.0	0
AIR TEMP	67.9	0	AIR TEMP	40.7	0	AIR TEMP	0.0	0

1C 1968, 1968 FCC FIELD - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

H2C TEMP	94.3	0	H2O TEMP	64.6
H2C TEMP	93.4	0	H2O TEMP	64.4
H2C TEMP	92.3	0	H2O TEMP	53.8
H2C TEMP	91.6	0	H2O TEMP	63.3
H2C TEMP	90.8	0	H2O TEMP	62.8
H2C TEMP	89.8	0	H2O TEMP	62.1
H2C TEMP	88.7	0	H2O TEMP	61.4
H2C TEMP	86.9	0	H2O TEMP	60.8
H2C TEMP	86.4	0	H2O TEMP	60.1
H2C TEMP	87.7	0	H2O TEMP	59.3
H2C TEMP	85.8	0	H2O TEMP	58.6
H2C TEMP	86.3	0	H2O TEMP	57.8
H2C TEMP	85.5	1	H2O TEMP	57.2
H2C TEMP	84.6	29	H2O TEMP	56.6
H2C TEMP	83.9	35	H2O TEMP	55.9
H2C TEMP	82.8	102	H2O TEMP	55.3
H2C TEMP	82.0	39	H2O TEMP	55.6
H2C TEMP	81.3	36	H2O TEMP	55.1
H2C TEMP	80.3	0	H2O TEMP	54.5
H2C TEMP	79.2	0	H2O TEMP	54.2
H2C TEMP	78.5	102	H2O TEMP	53.7
H2C TEMP	77.5	0	H2O TEMP	52.9
H2C TEMP	76.8	0	H2O TEMP	52.2
H2C TEMP	76.4	0	H2O TEMP	51.4
H2C TEMP	76.1	0	H2O TEMP	50.7
H2C TEMP	75.5	0	H2O TEMP	50.1
H2C TEMP	75.0	0	H2O TEMP	49.4
H2C TEMP	74.8	0	H2O TEMP	48.7
H2C TEMP	74.2	0	H2O TEMP	48.0
H2C TEMP	73.6	0	H2O TEMP	47.3
H2C TEMP	72.7	0	H2O TEMP	46.6
H2C TEMP	71.6	0	H2O TEMP	46.0
H2C TEMP	70.4	0	H2O TEMP	45.6
H2C TEMP	70.2	0	H2O TEMP	45.2
H2C TEMP	69.4	0	H2O TEMP	44.8
H2C TEMP	68.4	0	H2O TEMP	44.2
H2C TEMP	67.7	0	H2O TEMP	43.7
H2C TEMP	66.9	0	H2O TEMP	42.8
H2C TEMP	66.2	0	H2O TEMP	41.9
H2C TEMP	65.6	0	H2O TEMP	41.1
H2C TEMP	65.1	0	H2O TEMP	40.2

10 MAY 1968 FCC FTtD - KING

25.1 N LATITUDE • 89.9 W LONGITUDE

NOMAD BUOY N3S

## FREQUENCY DISTRIBUTION

PRESSURE	951.9	0	PRESSURE	985.0	0	PRESSURE	1016.9	19
PRESSURE	952.6	0	PRESSURE	985.9	0	PRESSURE	1017.8	14
PRESSURE	953.7	0	PRESSURE	986.4	0	PRESSURE	1018.7	20
PRESSURE	954.6	0	PRESSURE	987.1	0	PRESSURE	1019.3	17
PRESSURE	955.8	0	PRESSURE	988.1	0	PRESSURE	1020.3	8
PRESSURE	956.7	0	PRESSURE	988.3	0	PRESSURE	1021.3	4
PRESSURE	957.6	0	PRESSURE	989.2	0	PRESSURE	1022.4	1
PRESSURE	958.3	0	PRESSURE	990.0	0	PRESSURE	1023.5	0
PRESSURE	959.1	0	PRESSURE	990.9	0	PRESSURE	1024.3	0
PRESSURE	960.4	0	PRESSURE	991.8	0	PRESSURE	1025.1	0
PRESSURE	960.9	0	PRESSURE	992.7	0	PRESSURE	1026.1	0
PRESSURE	961.3	0	PRESSURE	993.4	0	PRESSURE	1026.5	0
PRESSURE	962.1	0	PRESSURE	994.2	0	PRESSURE	1027.2	0
PRESSURE	963.2	0	PRESSURE	995.0	0	PRESSURE	1028.1	0
PRESSURE	963.7	0	PRESSURE	996.0	0	PRESSURE	1028.5	1
PRESSURE	964.7	0	PRESSURE	996.8	0	PRESSURE	1029.3	0
PRESSURE	965.9	0	PRESSURE	997.7	0	PRESSURE	1030.4	1
PRESSURE	966.6	0	PRESSURE	998.5	0	PRESSURE	1031.4	1
PRESSURE	967.5	0	PRESSURE	999.3	0	PRESSURE	1032.3	0
PRESSURE	968.3	0	PRESSURE	999.6	0	PRESSURE	1033.1	1
PRESSURE	969.0	0	PRESSURE	1000.4	0	PRESSURE	1034.2	0
PRESSURE	969.9	1	PRESSURE	1001.1	0	PRESSURE	1035.1	0
PRESSURE	970.9	0	PRESSURE	1001.5	0	PRESSURE	1036.0	0
PRESSURE	971.5	0	PRESSURE	1002.2	0	PRESSURE	1037.0	0
PRESSURE	972.3	0	PRESSURE	1003.1	0	PRESSURE	1036.0	0
PRESSURE	973.1	0	PRESSURE	1004.1	0	PRESSURE	1038.9	0
PRESSURE	973.8	0	PRESSURE	1005.2	0	PRESSURE	1040.0	0
PRESSURE	974.1	0	PRESSURE	1006.3	2	PRESSURE	1040.5	0
PRESSURE	974.7	0	PRESSURE	1007.1	7	PRESSURE	1041.2	0
PRESSURE	975.2	0	PRESSURE	1008.0	3	PRESSURE	1042.0	0
PRESSURE	975.5	0	PRESSURE	1009.1	7	PRESSURE	1042.3	0
PRESSURE	976.2	0	PRESSURE	1010.1	5	PRESSURE	1043.2	0
PRESSURE	977.1	0	PRESSURE	1011.0	6	PRESSURE	1044.3	0
PRESSURE	978.0	0	PRESSURE	1011.9	22	PRESSURE	1045.3	0
PRESSURE	979.1	0	PRESSURE	1012.9	20	PRESSURE	1046.5	0
PRESSURE	980.1	0	PRESSURE	1013.2	5	PRESSURE	1048.0	0
PRESSURE	981.1	0	PRESSURE	1014.0	21	PRESSURE	1049.2	0
PRESSURE	982.0	0	PRESSURE	1014.8	34	PRESSURE	1050.6	0
PRESSURE	983.0	0	PRESSURE	1015.2	4	PRESSURE	1051.7	0
PRESSURE	984.0	0	PRESSURE	1015.9	15	PRESSURE	0.0	0

10 MONTHS 1968

FCC FTLD - KING

25.1 N LATITUDE,

69.7 W LONGITUDE

## FREQUENCY DISTRIBUTION

WIND SPEED	0.0	C	WIND SPEED	56.3
WIND SPEED	0.8	B	WIND SPEED	58.5
WIND SPEED	3.8	A	WIND SPEED	60.5
WIND SPEED	5.2	C	WIND SPEED	61.5
WIND SPEED	5.2	C	WIND SPEED	62.4
WIND SPEED	7.7	C	WIND SPEED	63.2
WIND SPEED	9.0	C	WIND SPEED	63.5
WIND SPEED	10.2	C	WIND SPEED	64.3
WIND SPEED	12.0	C	WIND SPEED	64.5
WIND SPEED	14.4	C	WIND SPEED	65.3
WIND SPEED	15.5	C	WIND SPEED	66.1
WIND SPEED	16.4	C	WIND SPEED	67.0
WIND SPEED	17.5	C	WIND SPEED	67.9
WIND SPEED	18.0	C	WIND SPEED	69.0
WIND SPEED	18.4	C	WIND SPEED	70.0
WIND SPEED	19.0	C	WIND SPEED	70.9
WIND SPEED	19.7	C	WIND SPEED	71.7
WIND SPEED	20.0	C	WIND SPEED	74.8
WIND SPEED	20.5	C	WIND SPEED	76.3
WIND SPEED	22.0	C	WIND SPEED	78.0
WIND SPEED	23.2	C	WIND SPEED	80.0
WIND SPEED	24.9	C	WIND SPEED	82.1
WIND SPEED	27.5	C	WIND SPEED	82.4
WIND SPEED	30.0	C	WIND SPEED	83.2
WIND SPEED	32.0	C	WIND SPEED	84.1
WIND SPEED	33.7	C	WIND SPEED	84.6
WIND SPEED	35.5	C	WIND SPEED	85.4
WIND SPEED	36.9	C	WIND SPEED	87.0
WIND SPEED	38.6	C	WIND SPEED	87.6
WIND SPEED	39.9	C	WIND SPEED	89.2
WIND SPEED	40.4	C	WIND SPEED	90.2
WIND SPEED	42.0	C	WIND SPEED	91.5
WIND SPEED	43.2	C	WIND SPEED	92.3
WIND SPEED	44.0	C	WIND SPEED	93.5
WIND SPEED	45.4	C	WIND SPEED	95.0
WIND SPEED	47.2	C	WIND SPEED	96.1
WIND SPEED	48.6	C	WIND SPEED	97.2
WIND SPEED	50.5	C	WIND SPEED	98.5
WIND SPEED	52.8	C	WIND SPEED	99.0
WIND SPEED	54.9	C	WIND SPEED	99.9

10 MONTHS 1968 FCC FTLD - KING

25.1 N LATITUDE,

89.9 W LONGITUDE

FREQUENCY DISTRIBUTION

DIRECTION	5	30	1	165
DIRECTION	10	2	1	190
DIRECTION	15	1	1	195
DIRECTION	20	1	2	200
DIRECTION	25	0	1	205
DIRECTION	30	4	0	210
DIRECTION	35	4	1	215
DIRECTION	40	5	2	220
DIRECTION	45	6	1	225
DIRECTION	50	7	5	230
DIRECTION	55	9	0	235
DIRECTION	60	8	0	240
DIRECTION	65	1	0	245
DIRECTION	70	6	2	250
DIRECTION	75	6	2	255
DIRECTION	80	10	0	260
DIRECTION	85	4	1	265
DIRECTION	90	7	2	270
DIRECTION	95	4	0	275
DIRECTION	100	5	0	280
DIRECTION	105	10	0	285
DIRECTION	110	7	1	290
DIRECTION	115	12	0	295
DIRECTION	120	3	2	300
DIRECTION	125	5	2	305
DIRECTION	130	6	2	310
DIRECTION	135	1	3	315
DIRECTION	140	4	0	320
DIRECTION	145	6	2	325
DIRECTION	150	2	3	330
DIRECTION	155	2	4	335
DIRECTION	160	3	2	340
DIRECTION	165	0	0	345
DIRECTION	170	4	2	350
DIRECTION	175	1	2	355
DIRECTION	180	3	0	360

11 MONTHS	1968	FCC	FTLD - KING	NOMAD	BUOY N35	FREQUENCY	DISTRIBUTION	25.1 N LATITUDE *	89.9 W LONGITUDE
AIR TEMP	99.3			0		AIR TEMP	67.2	0	
AIR TEMP	98.6			0		AIR TEMP	67.0	0	
AIR TEMP	97.8			0		AIR TEMP	66.1	5	
AIR TEMP	96.9			0		AIR TEMP	65.5	5	
AIR TEMP	96.3			0		AIR TEMP	64.0	2	
AIR TEMP	95.9			0		AIR TEMP	63.9	0	
AIR TEMP	95.3			0		AIR TEMP	63.1		
AIR TEMP	94.5			0		AIR TEMP	62.3		
AIR TEMP	93.9			0		AIR TEMP	61.2		
AIR TEMP	93.1			0		AIR TEMP	60.8		
AIR TEMP	91.6			0		AIR TEMP	59.5		
AIR TEMP	90.4			0		AIR TEMP	58.8		
AIR TEMP	89.2			0		AIR TEMP	58.0		
AIR TEMP	87.9			0		AIR TEMP	57.2		
AIR TEMP	87.0			0		AIR TEMP	56.4		
AIR TEMP	85.8			0		AIR TEMP	56.0		
AIR TEMP	84.8			1		AIR TEMP	55.3		
AIR TEMP	83.8			0		AIR TEMP	54.6	9	
AIR TEMP	82.8			3		AIR TEMP	54.2	0	
AIR TEMP	81.6			2		AIR TEMP	53.6	0	
AIR TEMP	80.8			2		AIR TEMP	52.8	0	
AIR TEMP	80.5			2		AIR TEMP	52.0	0	
AIR TEMP	79.4			11		AIR TEMP	51.2	0	
AIR TEMP	78.6			9		AIR TEMP	49.9	0	
AIR TEMP	78.2			19		AIR TEMP	49.0	0	
AIR TEMP	77.5			33		AIR TEMP	48.2	0	
AIR TEMP	76.8			26		AIR TEMP	47.2	0	
AIR TEMP	76.0			22		AIR TEMP	46.2	0	
AIR TEMP	75.2			13		AIR TEMP	45.3	0	
AIR TEMP	74.3			11		AIR TEMP	44.5	0	
AIR TEMP	73.2			12		AIR TEMP	43.8	0	
AIR TEMP	72.5			10		AIR TEMP	43.5	0	
AIR TEMP	71.5			11		AIR TEMP	43.2	0	
AIR TEMP	70.8			3		AIR TEMP	42.5	0	
AIR TEMP	70.0			8		AIR TEMP	42.3	0	
AIR TEMP	69.1			9		AIR TEMP	41.9	0	
AIR TEMP	68.3			3		AIR TEMP	41.3	0	
AIR TEMP	67.9			2		AIR TEMP	40.7	0	

11 MONTHS 1968 FCC FTLO - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

NOMAD BUOY N35

FREQUENCY DISTRIBUTION

H2C TEMP	94.3	0	H2O TEMP	64.6	0
H2C TEMP	93.4	0	H2O TEMP	64.4	0
H2C TEMP	92.3	0	H2O TEMP	63.8	0
H2C TEMP	91.6	0	H2O TEMP	63.3	0
H2C TEMP	90.8	0	H2O TEMP	62.8	0
H2C TEMP	89.7	0	H2O TEMP	62.1	0
H2C TEMP	88.9	0	H2O TEMP	61.4	0
H2C TEMP	88.4	0	H2O TEMP	60.8	0
H2C TEMP	87.7	0	H2O TEMP	60.1	0
H2C TEMP	86.8	0	H2O TEMP	59.1	0
H2C TEMP	86.3	0	H2O TEMP	58.6	0
H2C TEMP	85.5	0	H2O TEMP	57.9	0
H2C TEMP	84.6	0	H2O TEMP	57.2	0
H2C TEMP	83.9	0	H2O TEMP	56.5	0
H2C TEMP	82.8	0	H2O TEMP	55.9	0
H2C TEMP	82.0	0	H2O TEMP	55.6	0
H2C TEMP	81.3	41	H2O TEMP	55.1	0
H2C TEMP	80.3	46	H2O TEMP	54.5	0
H2C TEMP	79.2	58	H2O TEMP	54.2	0
H2C TEMP	78.5	67	H2O TEMP	53.7	0
H2C TEMP	77.5	21	H2O TEMP	52.9	0
H2C TEMP	76.8	0	H2O TEMP	52.2	0
H2C TEMP	76.4	0	H2O TEMP	51.4	0
H2C TEMP	76.1	0	H2O TEMP	50.7	0
H2C TEMP	75.5	0	H2O TEMP	50.1	0
H2C TEMP	75.0	0	H2O TEMP	49.4	0
H2C TEMP	74.8	0	H2O TEMP	48.7	0
H2C TEMP	74.2	0	H2O TEMP	48.0	0
H2C TEMP	73.6	0	H2O TEMP	47.3	0
H2C TEMP	72.9	0	H2O TEMP	46.8	0
H2C TEMP	71.9	0	H2O TEMP	46.0	0
H2C TEMP	70.9	0	H2O TEMP	45.6	0
H2C TEMP	70.2	0	H2O TEMP	45.2	0
H2C TEMP	69.4	0	H2O TEMP	44.8	0
H2C TEMP	68.4	0	H2O TEMP	44.2	0
H2C TEMP	67.7	0	H2O TEMP	43.7	0
H2C TEMP	66.9	0	H2O TEMP	42.8	0
H2C TEMP	66.2	0	H2O TEMP	41.9	0
H2C TEMP	65.6	0	H2O TEMP	41.1	0
H2C TEMP	65.1	0	H2O TEMP	40.2	0

11 MONTHS 1968

25.1 N LATITUDE, 89.9 W LONGITUDE

NOMAD BUOY N35

## FREQUENCY DISTRIBUTION

PRESSURE	985.0	9
PRESSURE	985.9	14
PRESSURE	986.8	19
PRESSURE	987.1	14
PRESSURE	988.1	20
PRESSURE	988.3	13
PRESSURE	989.2	12
PRESSURE	990.0	7
PRESSURE	990.9	8
PRESSURE	991.8	3
PRESSURE	992.7	2
PRESSURE	993.4	1
PRESSURE	994.2	2
PRESSURE	995.0	1
PRESSURE	996.0	3
PRESSURE	996.8	3
PRESSURE	997.7	1
PRESSURE	998.5	4
PRESSURE	999.3	0
PRESSURE	999.5	0
PRESSURE	1000.4	0
PRESSURE	1001.1	1
PRESSURE	1001.5	1
PRESSURE	1002.2	0
PRESSURE	1003.1	0
PRESSURE	1004.1	1
PRESSURE	1005.2	2
PRESSURE	1006.3	1
PRESSURE	1007.1	1
PRESSURE	1008.0	4
PRESSURE	1009.1	8
PRESSURE	1010.1	3
PRESSURE	1011.0	9
PRESSURE	1011.9	13
PRESSURE	1012.9	14
PRESSURE	1013.2	1
PRESSURE	1014.0	14
PRESSURE	1014.8	16
PRESSURE	1015.2	5
PRESSURE	1015.9	15
PRESSURE	0.0	0

11 MONTR., 1968 FCC FTLO - K1MC

NOMAD BUOY 4135

25.1 N LATITUDE, 85.9 W LONGITUDE

FREQUENCY DISTRIBUTION

WIND SPEED	0.6
WIND SPEED	3.6
WIND SPEED	5.2
WIND SPEED	6.2
WIND SPEED	7.7
WIND SPEED	9.0
WIND SPEED	10.2
WIND SPEED	12.0
WIND SPEED	14.4
WIND SPEED	15.9
WIND SPEED	16.4
WIND SPEED	17.5
WIND SPEED	18.0
WIND SPEED	18.4
WIND SPEED	19.0
WIND SPEED	19.7
WIND SPEED	20.0
WIND SPEED	20.5
WIND SPEED	22.0
WIND SPEED	23.2
WIND SPEED	24.5
WIND SPEED	27.9
WIND SPEED	30.0
WIND SPEED	32.0
WIND SPEED	33.7
WIND SPEED	35.5
WIND SPEED	36.9
WIND SPEED	38.6
WIND SPEED	39.5
WIND SPEED	40.4
WIND SPEED	42.0
WIND SPEED	43.2
WIND SPEED	44.0
WIND SPEED	45.4
WIND SPEED	47.2
WIND SPEED	48.6
WIND SPEED	50.5
WIND SPEED	52.8
WIND SPEED	54.6

14

A1 PENTW. 1968 FCC FTLD - KING

SEN YONG MONO

25°1' N LATITUDE | 89°9' W LONGITUDE

FREQUENCY DISTANCE 10

5	DIRECTION	10	DIRECTION	15	DIRECTION	20	DIRECTION	25	DIRECTION	30	DIRECTION	35	DIRECTION	40	DIRECTION	45	DIRECTION	50	DIRECTION	55	DIRECTION	60	DIRECTION	65	DIRECTION	70	DIRECTION	75	DIRECTION	80	DIRECTION	85	DIRECTION	90	DIRECTION	95	DIRECTION	100	DIRECTION	105	DIRECTION	110	DIRECTION	115	DIRECTION	120	DIRECTION	125	DIRECTION	130	DIRECTION	135	DIRECTION	140	DIRECTION	145	DIRECTION	150	DIRECTION	155	DIRECTION	160	DIRECTION	165	DIRECTION	170	DIRECTION	175	DIRECTION
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12 NOVEMBER 1968 FCC FYLD - KING

25.1 N LATITUDE • 89.9 W LONGITUDE

NOMAD BUOY N3S

## FREQUENCY DISTRIBUTION

AIR TEMP	99.3	0	AIR TEMP	67.2	4	AIR TEMP	39.8	0
AIR TEMP	98.6	0	AIR TEMP	67.0	0	AIR TEMP	38.7	1
AIR TEMP	97.8	0	AIR TEMP	66.1	5	AIR TEMP	37.3	0
AIR TEMP	96.9	0	AIR TEMP	65.5	11	AIR TEMP	36.0	1
AIR TEMP	96.3	0	AIR TEMP	64.9	16	AIR TEMP	34.8	1
AIR TEMP	95.9	0	AIR TEMP	63.9	10	AIR TEMP	33.8	0
AIR TEMP	95.4	0	AIR TEMP	63.1	4	AIR TEMP	32.9	0
AIR TEMP	95.3	0	AIR TEMP	62.3	4	AIR TEMP	32.2	0
AIR TEMP	94.5	0	AIR TEMP	61.2	3	AIR TEMP	31.4	0
AIR TEMP	93.9	0	AIR TEMP	60.8	1	AIR TEMP	30.9	0
AIR TEMP	93.1	0	AIR TEMP	59.5	1	AIR TEMP	30.3	0
AIR TEMP	91.6	0	AIR TEMP	58.8	2	AIR TEMP	29.8	0
AIR TEMP	90.4	0	AIR TEMP	58.0	4	AIR TEMP	29.4	0
AIR TEMP	89.2	1	AIR TEMP	57.2	2	AIR TEMP	28.7	0
AIR TEMP	87.9	1	AIR TEMP	56.4	0	AIR TEMP	27.9	0
AIR TEMP	87.0	0	AIR TEMP	56.0	0	AIR TEMP	27.2	0
AIR TEMP	85.8	0	AIR TEMP	55.2	0	AIR TEMP	26.5	0
AIR TEMP	84.8	0	AIR TEMP	54.6	0	AIR TEMP	25.7	0
AIR TEMP	83.8	0	AIR TEMP	54.2	0	AIR TEMP	24.8	0
AIR TEMP	82.8	1	AIR TEMP	53.6	0	AIR TEMP	24.1	0
AIR TEMP	81.6	0	AIR TEMP	52.8	0	AIR TEMP	23.3	2
AIR TEMP	80.8	0	AIR TEMP	52.0	1	AIR TEMP	22.6	0
AIR TEMP	80.5	0	AIR TEMP	51.2	4	AIR TEMP	22.0	0
AIR TEMP	79.4	2	AIR TEMP	49.9	1	AIR TEMP	21.4	0
AIR TEMP	78.6	0	AIR TEMP	49.0	0	AIR TEMP	20.7	0
AIR TEMP	76.2	4	AIR TEMP	48.2	0	AIR TEMP	20.1	0
AIR TEMP	77.3	11	AIR TEMP	47.2	0	AIR TEMP	19.7	0
AIR TEMP	76.8	17	AIR TEMP	46.7	0	AIR TEMP	18.9	0
AIR TEMP	76.0	22	AIR TEMP	45.3	0	AIR TEMP	18.6	0
AIR TEMP	75.2	15	AIR TEMP	44.5	0	AIR TEMP	18.1	0
AIR TEMP	74.3	9	AIR TEMP	43.5	0	AIR TEMP	17.3	0
AIR TEMP	73.2	11	AIR TEMP	43.0	0	AIR TEMP	16.0	0
AIR TEMP	72.5	13	AIR TEMP	43.5	0	AIR TEMP	14.8	0
AIR TEMP	71.5	7	AIR TEMP	43.7	0	AIR TEMP	13.5	0
AIR TEMP	70.8	12	AIR TEMP	42.6	0	AIR TEMP	12.2	0
AIR TEMP	70.0	9	AIR TEMP	42.3	0	AIR TEMP	10.9	0
AIR TEMP	69.1	9	AIR TEMP	41.8	0	AIR TEMP	10.0	0
AIR TEMP	68.3	4	AIR TEMP	41.3	0	AIR TEMP	0.0	0
AIR TEMP	67.7	2	AIR TEMP	40.7	0			

12 NOV 1991 FCC FYLO - KING

25.1 N LATITUDE, 83.9 W LONGITUDE

FREQUENCY DISTRIBUTION

12 PORTS, 1000 FCC FILE - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

PRESSURE	951.9	0
PRESSURE	952.8	0
PRESSURE	953.7	0
PRESSURE	954.6	0
PRESSURE	955.5	0
PRESSURE	956.7	0
PRESSURE	957.6	0
PRESSURE	958.5	0
PRESSURE	959.1	0
PRESSURE	960.1	0
PRESSURE	960.7	0
PRESSURE	961.3	0
PRESSURE	962.1	0
PRESSURE	963.2	0
PRESSURE	963.7	0
PRESSURE	964.7	0
PRESSURE	965.9	0
PRESSURE	966.6	0
PRESSURE	967.5	0
PRESSURE	968.3	0
PRESSURE	969.0	0
PRESSURE	970.0	0
PRESSURE	971.3	0
PRESSURE	972.3	0
PRESSURE	973.1	0
PRESSURE	973.8	0
PRESSURE	974.1	0
PRESSURE	974.7	0
PRESSURE	975.2	0
PRESSURE	975.5	0
PRESSURE	976.2	0
PRESSURE	977.1	0
PRESSURE	978.0	0
PRESSURE	979.1	0
PRESSURE	980.1	0
PRESSURE	981.1	0
PRESSURE	982.0	0
PRESSURE	983.0	0
PRESSURE	984.0	0
PRESSURE	985.0	0
PRESSURE	985.9	0
PRESSURE	986.8	0
PRESSURE	987.1	0
PRESSURE	988.1	0
PRESSURE	988.3	0
PRESSURE	989.2	0
PRESSURE	990.0	2
PRESSURE	990.9	0
PRESSURE	991.8	0
PRESSURE	992.7	0
PRESSURE	993.4	0
PRESSURE	994.2	0
PRESSURE	995.0	0
PRESSURE	996.0	0
PRESSURE	996.8	0
PRESSURE	997.7	0
PRESSURE	998.5	0
PRESSURE	999.3	0
PRESSURE	999.6	0
PRESSURE	1000.4	0
PRESSURE	1001.1	0
PRESSURE	1001.5	0
PRESSURE	1002.2	2
PRESSURE	1003.1	0
PRESSURE	1004.1	0
PRESSURE	1005.2	0
PRESSURE	1006.3	0
PRESSURE	1007.1	0
PRESSURE	1008.0	0
PRESSURE	1009.1	0
PRESSURE	1010.1	0
PRESSURE	1011.0	0
PRESSURE	1011.9	0
PRESSURE	1012.9	2
PRESSURE	1013.2	2
PRESSURE	1014.0	11
PRESSURE	1014.8	6
PRESSURE	1015.2	16
PRESSURE	1015.9	16
PRESSURE	1016.9	12
PRESSURE	1017.8	8
PRESSURE	1018.7	6
PRESSURE	1019.3	14
PRESSURE	1020.3	21
PRESSURE	1021.3	14
PRESSURE	1022.4	13
PRESSURE	1023.5	7
PRESSURE	1024.3	22
PRESSURE	1025.1	13
PRESSURE	1026.1	10
PRESSURE	1026.5	2
PRESSURE	1027.2	3
PRESSURE	1028.1	0
PRESSURE	1028.5	0
PRESSURE	1029.3	0
PRESSURE	1030.4	0
PRESSURE	1031.4	1
PRESSURE	1032.3	1
PRESSURE	1033.1	2
PRESSURE	1034.2	1
PRESSURE	1035.1	3
PRESSURE	1036.0	0
PRESSURE	1037.0	1
PRESSURE	1038.0	1
PRESSURE	1038.9	0
PRESSURE	1040.0	0
PRESSURE	1040.5	0
PRESSURE	1041.2	0
PRESSURE	1042.0	0
PRESSURE	1042.3	1
PRESSURE	1043.2	0
PRESSURE	1044.3	1
PRESSURE	1045.3	1
PRESSURE	1046.5	0
PRESSURE	1048.0	0
PRESSURE	1049.2	0
PRESSURE	1050.6	0
PRESSURE	1051.7	0
PRESSURE	1052.0	0

12 MONTHS 1968 FCC FYLD - KINC NOMAD BUOY N35 25.1 N LATITUDE, 89.9 W LONGITUDE

FREQUENCY DISTRIBUTION

WIND SPEED	0.0	56.3
WIND SPEED	0.8	58.5
WIND SPEED	3.8	58.5
WIND SPEED	5.2	60.5
WIND SPEED	6.2	61.5
WIND SPEED	7.7	62.4
WIND SPEED	9.0	63.2
WIND SPEED	11.1	63.5
WIND SPEED	12.0	64.3
WIND SPEED	12.5	64.5
WIND SPEED	14.4	65.3
WIND SPEED	15.9	66.1
WIND SPEED	16.4	67.0
WIND SPEED	17.5	67.9
WIND SPEED	18.0	69.0
WIND SPEED	18.4	70.0
WIND SPEED	19.0	70.9
WIND SPEED	19.7	71.7
WIND SPEED	20.0	74.8
WIND SPEED	20.5	76.3
WIND SPEED	22.0	78.0
WIND SPEED	23.2	80.0
WIND SPEED	24.4	82.1
WIND SPEED	27.9	82.4
WIND SPEED	30.0	83.2
WIND SPEED	32.0	84.1
WIND SPEED	33.7	84.6
WIND SPEED	35.5	85.4
WIND SPEED	36.6	87.0
WIND SPEED	38.6	87.6
WIND SPEED	39.9	89.2
WIND SPEED	40.4	90.2
WIND SPEED	42.0	91.5
WIND SPEED	43.2	92.3
WIND SPEED	44.0	93.5
WIND SPEED	45.4	95.0
WIND SPEED	47.2	96.1
WIND SPEED	48.6	97.2
WIND SPEED	50.5	98.5
WIND SPEED	52.8	99.0
WIND SPEED	54.9	99.9

12 MARCH, 1968

FCC FTLD - KING

25.1 N LATITUDE, 89.9 W LONGITUDE

## FREQUENCY DISTRIBUTION

DIRECTION	5	1
DIRECTION	10	9
DIRECTION	15	3
DIRECTION	20	12
DIRECTION	25	5
DIRECTION	30	8
DIRECTION	35	1
DIRECTION	40	4
DIRECTION	45	2
DIRECTION	50	8
DIRECTION	55	7
DIRECTION	60	5
DIRECTION	65	4
DIRECTION	70	6
DIRECTION	75	2
DIRECTION	80	4
DIRECTION	85	0
DIRECTION	90	2
DIRECTION	95	1
DIRECTION	100	4
DIRECTION	105	1
DIRECTION	110	2
DIRECTION	115	1
DIRECTION	120	1
DIRECTION	125	2
DIRECTION	130	3
DIRECTION	135	2
DIRECTION	140	6
DIRECTION	145	3
DIRECTION	150	10
DIRECTION	155	0
DIRECTION	160	9
DIRECTION	165	8
DIRECTION	170	15
DIRECTION	175	5
DIRECTION	180	10
DIRECTION	185	3
DIRECTION	190	6
DIRECTION	195	4
DIRECTION	200	0
DIRECTION	205	2
DIRECTION	210	3
DIRECTION	215	1
DIRECTION	220	3
DIRECTION	225	2
DIRECTION	230	2
DIRECTION	235	3
DIRECTION	240	1
DIRECTION	245	0
DIRECTION	250	2
DIRECTION	255	3
DIRECTION	260	0
DIRECTION	265	0
DIRECTION	270	1
DIRECTION	275	1
DIRECTION	280	2
DIRECTION	285	1
DIRECTION	290	2
DIRECTION	295	0
DIRECTION	300	1
DIRECTION	305	0
DIRECTION	310	7
DIRECTION	315	1
DIRECTION	320	0
DIRECTION	325	3
DIRECTION	330	2
DIRECTION	335	3
DIRECTION	340	3
DIRECTION	345	0
DIRECTION	350	0
DIRECTION	355	0
DIRECTION	360	1

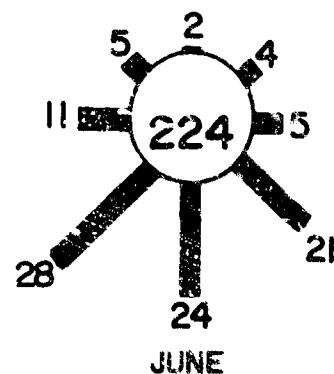
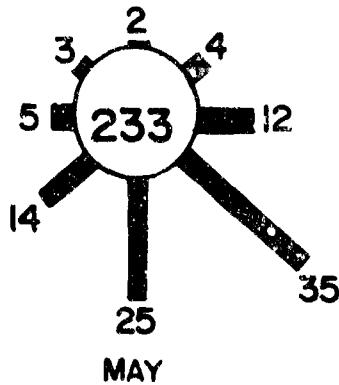
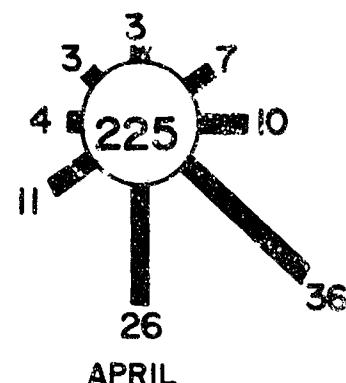
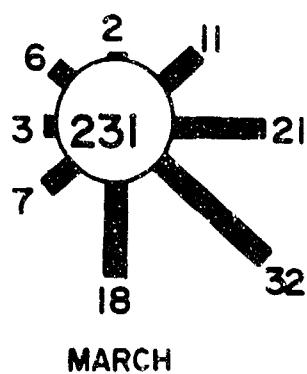
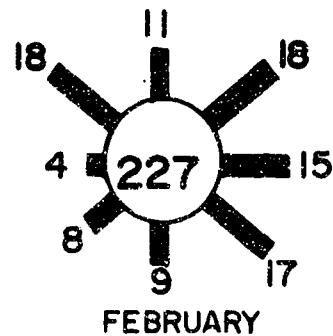
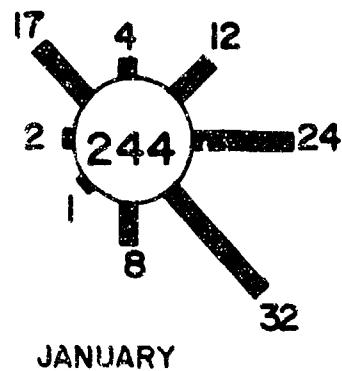
**APPENDIX D**

**1968 NOMAD N3S Surface Wind Direction Frequency**

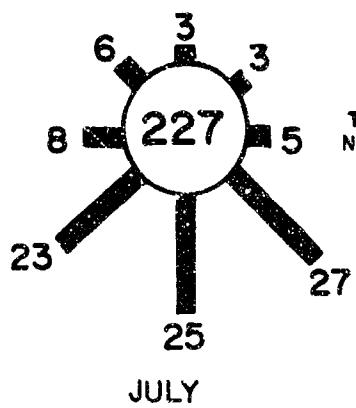
1968 NOMAD N3S Surface Wind Direction Frequency

Appendix D depicts the monthly frequency distribution of the surface wind direction. Numbers associated with the bars represent the percentage of occurrences of wind direction for each of eight compass points with respect to True North. The total number of NOMAD N3S observations are shown inside the circle. All surface wind directions were considered valid data. It was concluded that in recording instantaneous wind directions large fluctuations in direction could be present due to local unstable atmospheric conditions, light or calm winds, and movements of the buoy.

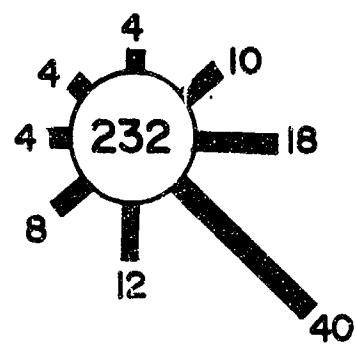
1968 NOMAD N 35  
SURFACE WIND DIRECTION FREQUENCY



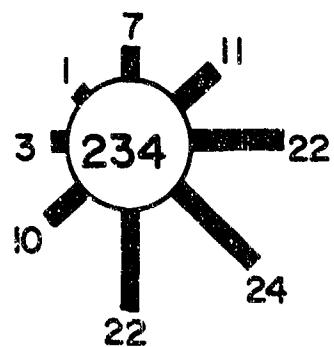
1968 NOMAD N35  
SURFACE WIND DIRECTION FREQUENCY



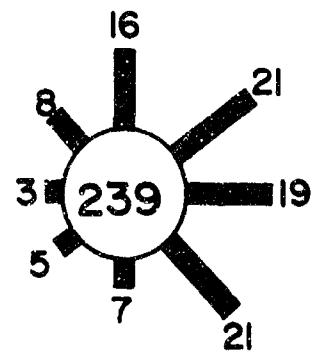
JULY



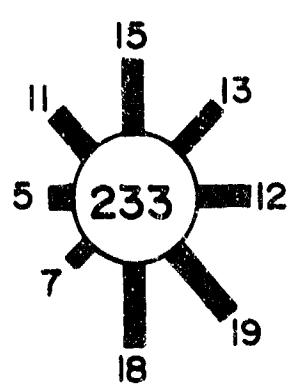
AUGUST



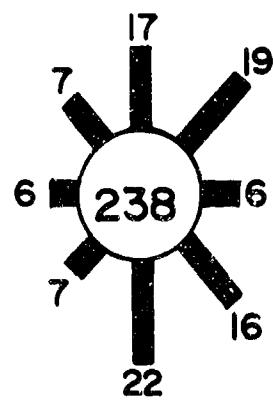
SEPTEMBER



OCTOBER



NOVEMBER



DECEMBER